

1965

Bulletin of the University of San Diego College for Men 1965-1966

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Bulletin 1965-66
UNIVERSITY of SAN DIEGO
COLLEGE for MEN



BULLETINS OF THE UNIVERSITY OF SAN DIEGO

The BULLETIN OF THE COLLEGE FOR MEN is one of five bulletins published each year giving information about the colleges and School of Law of the University of San Diego. Other bulletins are: Bulletin of the College for Women, Bulletin of the School of Law, Bulletin of Immaculate Heart Seminary, and Bulletin of St. Francis College. Also available are bulletins of specific information about the summer sessions of the University. A request for a bulletin should be addressed directly to the Admissions Office of the college or school about which information is desired, at Alcala Park, San Diego, California 92110.

THE COLLEGE FOR MEN of the University of San Diego is a privately endowed, non-profit corporation chartered by the State of California to conduct a four-year liberal arts college and empowered to grant upon completion of its program the degrees of Bachelor of Arts and Bachelor of Science. In June, 1965, the College for Men initiated a graduate program leading to the Master of Arts in Teaching degree. The College is approved for veterans and is accredited by the Western Association of Schools and Colleges.

Telephone: 714/291-0331

BULLETIN OF THE
UNIVERSITY OF SAN DIEGO
COLLEGE FOR MEN



GENERAL INFORMATION
DEGREES AND REQUIREMENTS
COURSES OF INSTRUCTION

1965-66

ACCREDITED BY

THE WESTERN ASSOCIATION OF SCHOOLS AND COLLEGES

TABLE OF CONTENTS

ACADEMIC CALENDAR	4
OBJECTIVES OF THE COLLEGE	6
GENERAL INFORMATION	9
The University	9
The College for Men	9
Accreditation and Memberships	10
Campus and Buildings	10
Chaplain	12
Guidance and Counseling Center	12
Faculty Advisor Program	12
Library	12
Program	13
Student Residence	13
FEES AND EXPENSES	14
STUDENT ACTIVITIES	16
Student Government	16
Conduct	16
ORGANIZATIONS	17
ADMISSION PROCEDURE	21
Application for Admission	21
Entrance Requirements	22
Scholastic Aptitude Test	22
Matriculation	22
Honors at Entrance	23
Veterans Certificate of Eligibility	23
Health Record	23
FINANCIAL AIDS	24
Scholarships	25
Loans	25
Employment Services	26
Procedure for Obtaining Scholarships and Loans	26
ACADEMIC REGULATIONS AND PROCEDURE	27
Grading System	27

TABLE OF CONTENTS

ACADEMIC REGULATIONS AND PROCEDURE (CONTINUED)

Amount of Work	28
Auditing	28
Examinations	28
Attendance	29
Academic Dean's List	30
Honors	30
Dismissal	30
Withdrawal from the College	30
Dropping and Adding Classes	30
Leave of Absence	30
DEGREE REQUIREMENTS	31
General Education Program	31
Foreign Language Requirement	32
Philosophy Requirement	33
Unit and Grade Point Average Requirements	33
Field of Concentration	33
Petition for Graduation	34
M.A.T. Degree Requirements	34
DEPARTMENTAL ORGANIZATION	35
Division of Humanities	36
Division of Social Sciences	40
Division of Natural Sciences and Mathematics	45
Division of Business Administration	50
Teacher Education Program	53
COURSES OF INSTRUCTION	57
PERSONNEL	103
Board of Trustees	103
University Administration	103
Officers of Administration	104
Officers of Instruction	104
Staff	109
Committees of the Administration and Faculty	110
APPLICATION FORM	113

ACADEMIC CALENDAR

1965

SEPTEMBER						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

September 8
September 9
September 10
September 16

Registration.
Registration.
Classes begin.
Last day for: full refund; class changes with no fee.
Last day for: $\frac{1}{2}$ refund; class changes.
Last day for: $\frac{1}{4}$ refund; no refunds after today.

September 23
September 30

OCTOBER						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

October 11

HOLIDAY for Observance of Columbus Day.

October 22

Last day to withdraw from classes.

October 29

Last day for filing petition for 1967 Graduation.

NOVEMBER						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

November 1

HOLIDAY—Feast of All Saints.

November 10-16

MIDTERM EXAMINATIONS.

November 25, 26

THANKSGIVING RECESS.

November 29

Classes resume.

DECEMBER.						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

December 8

HOLIDAY—Feast of the Immaculate Conception.

December 20

CHRISTMAS RECESS begins.

1966

JANUARY						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

FEBRUARY						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MARCH						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APRIL						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

January 3
January 13-20
January 20

January 21
January 24
January 25

January 26

February 2

February 9
February 16

February 23

March 9
March 16-22

April 7
April 8
April 11
April 12
April 13
April 25, 27, 28

May 17
May 18
May 19
May 20
May 23
May 24

May 27

Classes resume.
FINAL EXAMINATIONS.
End of Fall Semester. Inter-semester
HOLIDAY BEGINS after completion
of finals.
HOLIDAY.
HOLIDAY.
Registration (Holiday for pre-registered
and prepaid students).
Classes begin.

Last day for: full refund; class changes
with no fee.
Last day for: 1/2 refund; class changes.
Last day for 1/4 refund; no refund after
today.
ASH WEDNESDAY—Students' Day of
Recollection.

Last day to withdraw from classes.
MIDTERM EXAMINATIONS.

HOLIDAY—Holy Thursday.
HOLIDAY—Good Friday.
HOLIDAY.
HOLIDAY.
Classes resume.
GRADUATE RECORD EXAMS.

FINAL EXAMINATIONS.
FINAL EXAMINATIONS.
HOLIDAY—Ascension Thursday.
FINAL EXAMINATIONS.
FINAL EXAMINATIONS.
FINAL EXAMINATIONS—end of
Semester II.
Graduation.



OBJECTIVES

The University of San Diego, College for Men, strives to achieve two ends: to inculcate the basic intellectual and moral virtues requisite for true Christian maturity; to establish the foundations of specialized knowledge in a field of major interest to the individual student.

True Christian maturity implies the integrated personality resulting from the harmonious cultivation of the powers of man. A harmoniously developed intellect correlates habits of science, art, practical judgment, and the certitude of basic convictions. But the integrated personality combines intellectual maturity with the integrity of emotions and will achieved through habits of personal courage and self-control elevated by justice and charity toward God and man. When this mature individual is further equipped with the specialized knowledge of his major field, he will be prepared for graduate studies and for an effective contribution to the well-being of the community.

The *general education program* of the College for Men enables all students to acquire a critical and articulate understanding of the worlds of nature, society, and man, with its significance in their lives. To provide such an understanding the Divisions of Natural Sciences and Mathematics, Social Sciences, and Humanities collaborate. The general science courses impart to the students an appreciation of the world of nature and the scientific attitude of modern man toward it. The social sciences provide them with an insight into the multiple interrelationships of man

to man: historic, civic, socio-economic, interpersonal, and educative. The humanities and arts contribute to the cultural refinement, independent self-expression, and structured consciousness of the students. A distinctive feature of the College for Men is the pivotal role of philosophy and of Catholic theology in achieving this development of the integral personality.

The College's *program of specialized education* offers the students courses appropriate to their individual interests by imparting proficiency in the fundamental principles of particular disciplines. In addition to the major fields of concentration provided by the Divisions of Natural Sciences and Mathematics, Social Sciences, and Humanities, the Division of Business Administration and the Teacher Education Program furnish training in commercial and professional fields.

By these two complementary educational programs, the College seeks to develop "the true Christian . . . the true and finished man of character":

a man whose intellect has been illumined and stimulated by interrelated truths of the natural, mathematical, ethical, social, and theological sciences

a man whose aesthetic capacities have been refined by an appreciation of literature and the fine arts

a man whose ability to communicate has been enhanced by linguistic skills

a man whose practical judgment has been grounded in the certitude of fundamental principles, assisted by proficiency in reasoning, guided and exercised in critical studies and discussions, and strengthened by dedication to justice and truth

a man whose efforts toward moral character-formation have been fostered by motivation, personal example, and counselling, together with a Christian atmosphere and ample opportunities for spiritual aids

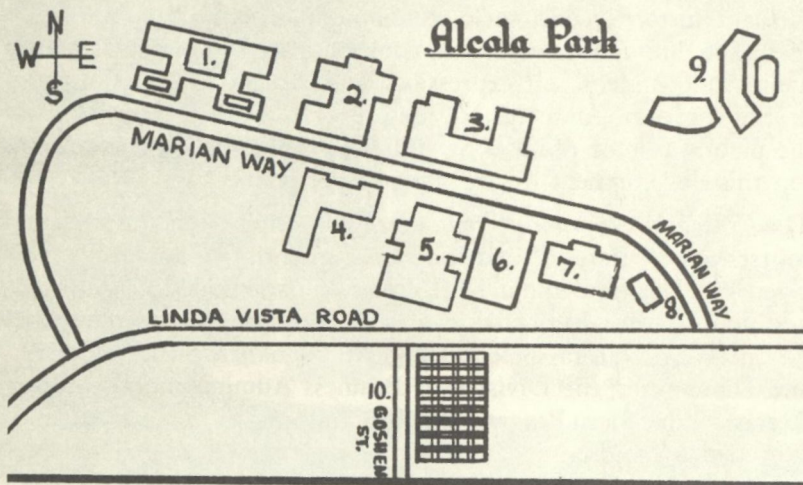
a man at peace with himself and others in the strength of disciplined freedom

a man trained to special competence in his chosen field, and prepared for significant participation in the society of his fellow-men

a man, in brief, of cultivated talents, equipped for the tasks and responsibilities, the pleasures and recreations, of a life destined for an eternal reward.

UNIVERSITY OF SAN DIEGO

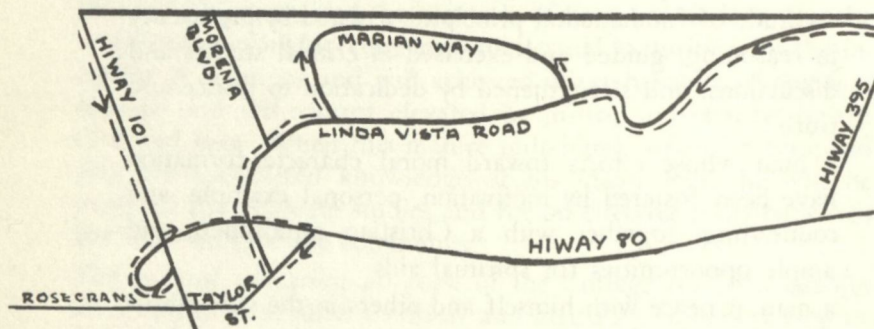
Alcala Park



1. COLLEGE FOR WOMEN
2. IMMACULATA CHAPEL
3. SCHOOL OF THEOLOGY
4. CHANCERY
5. COLLEGE FOR MEN

6. SCHOOL OF LAW, MORE HALL
7. KNIGHTS OF COLUMBUS LIBRARY
8. VERONA HOUSE OF STUDIES
9. STADIUM, GYM, POOL
10. MEN'S RESIDENCE

APPROACHES FROM HIGHWAY 80, 101 & 395





Bishop Furey, Fr. Cadden, and recipients of honorary degrees.

GENERAL INFORMATION

Chartered in 1949 and empowered by the State of California to confer degrees, the University of San Diego consists of the College for Men, College for Women, St. Francis College, Immaculate Heart Seminary (School of Theology), and School of Law. St. Francis College, located in El Cajon, and Immaculate Heart Seminary train young men aspiring to serve as priests in the Diocese of San Diego. The Marist Fathers, Verona Fathers, and Carmelite Fathers also maintain houses of study on the campus. The School of Law is open to students of both sexes, of all faiths and races, who meet the scholastic requirements for admission—a baccalaureate degree from an approved college or university, and a satisfactory score in the Law School Admission Test. The School offers a three-year full-time day program and a four-year part-time program (evening school), both leading to the degree of Doctor of Laws. The School of Law is accredited by the State Bar of California, by the State Bar of New York, and is approved by the American Bar Association.

The College for Women, directed by the Religious of the Sacred Heart, is a college of liberal arts which provides young women with an education predominantly intellectual in content, based on a broad foundation of humanistic studies. Besides extensive classroom and laboratory facilities, buildings include an inspiring chapel, 1000-seat theatre, a library designed to house 250,000 volumes, and a gracious residence area. The College for Women is accredited by the Western Association of Schools and Colleges.

THE COLLEGE FOR MEN

The College for Men was opened for instruction in 1954 and is staffed by priest-educators and scholarly laymen. The College offers a four-year liberal arts curriculum leading to the Bachelor of Arts and Bachelor of Science degrees. It also has a five-year Teacher Education Program, preparing the student for the California Standard Teaching Credential with a specialization in secondary teaching and a M.A.T. degree program. Preprofessional programs are offered in law, medicine, dentistry, and related fields. An active program in intramural and intercollegiate sports is conducted.

ACCREDITATION AND MEMBERSHIP

The College for Men is accredited by the Western Association of Schools and Colleges.

The College is a member of the following:

- AMA Approved Schools

- American Association for Advancement of Science

- American Association of College Baseball Coaches

- American Association of Colleges for Teacher Education

- American Association of Collegiate Registrars

- and Admissions Officers

- American Chemical Society

- American Council on Education

- American Institute of Physics

- Association of American Colleges

- Association of Independent California Colleges

- and Universities

- Association of American Medical Colleges

- College Entrance Examination Board

- College Scholarship Service

- National Association of Basketball Coaches

- National Catholic Educational Association

- National Collegiate Athletic Association

- NCAA Golf Coaches Association

- Pacific Coast Association of Collegiate Registrars

- and Admissions Officers

- Pacific Southwest Forensic Association

- Western College Association

- Western College Placement Association



CAMPUS

The College for Men shares the University's 221-acre campus known as Alcalá Park, which is named after the Spanish university city of Alcalá, the scene of the labors of St. Didacus (San Diego). The campus is located at the western end of Linda Vista, high on a hill commanding inspiring views of the Pacific Ocean, Mission Bay, and San Diego Harbor. The campus is ideally close to the business, cultural, residential, and recreational areas of California's birthplace and now third largest city. The proximity to Mexico acquaints the student with a foreign culture.

The campus buildings consist of the College for Men; the Chancery; More Hall, the Law School Building; the Knights of Columbus Memorial Library; Immaculate Heart Seminary, the School of Theology Building; the Immaculata Chapel, the University church; the buildings of the College for Women; the House of Studies of the Verona Fathers; and the student residence apartments. A stadium and an outdoor theatre are also located on the campus. The gymnasium, tennis courts, and swimming pool are available for daily use. These facilities are open to students from all units of the University.

CHAPLAIN

The College has a regularly appointed full-time chaplain whose services are always available to any student. It is his office to provide for the spiritual welfare of the students.

GUIDANCE AND COUNSELING

The function of the Guidance and Counseling Center is to help students in realizing the maximum value of their college education. Special assistance is provided in the areas of educational, vocational, and personal counseling. All students are acquainted with the services through orientation lectures, and any student desiring to avail himself of them is afforded the help of the Center. Both individual and group counseling are available as well as testing when indicated. Particular assistance is available to students undecided as to major or contemplating change in major.

FACULTY ADVISOR SYSTEM

Students are assigned to faculty advisors for the duration of their enrollment within the department. The faculty advisor helps the student make out his program and sees to it that the proper courses are taken to meet the particular department's requirements and recommendations. The faculty advisor system is under the supervision of the Office of the Academic Dean.

Students changing majors are reminded of the services of the Guidance and Counseling Center and should they so desire can receive aid from this service. Students with undecided majors can seek help from the Guidance and Counseling Center. In such instances the counseling service will assume some of the functions of the faculty advisor until such students reach a decision as to major.

LIBRARY

The Knights of Columbus Memorial Library was dedicated May 5, 1958, in honor of Our Lady, Throne of Wisdom. The three story building is capable of housing and serving 250,000 volumes. The Library uses the open stack system; hence all books are accessible to faculty and students. The Donohue Room, donated with its seventeenth century furnishings by Sir Daniel and Countess Bernadine Donohue, contains a collection of rare tenth century ikons presented by the late Admiral William Standley. The Military Order of World Wars, La Jolla Chapter, has established a depository for its historical papers in the library. Monthly art exhibits are held in the library.

CURRICULUM

The College for Men offers curricula in the humanities, in the sciences, and in business administration. There are four academic divisions and a Teacher Education Program. In the freshman and sophomore years, students in all divisions follow a program of study that provides a general education and introduces the student to the major fields of human knowledge. In the junior and senior years, the program allows more intensive work in the student's choice of major and minor subjects. The Master of Arts in Teaching offers advanced professional training for those entering the education profession.

STUDENT RESIDENCE

The College residence facilities are separate apartment units capable of housing 150 students in all. Each apartment accommodates four students and has a large study, two bedrooms with separate walk-in closets, complete kitchen and dining area, one or two bathrooms, and extra-large patio-sundeck. Detailed information may be obtained from the Office of the Dean of Students.



FEES AND EXPENSES

Tuition (for a program of 12 to 18 units) (1965-66).....	\$400.00
1966 - 67	450.00
1967 - 68	500.00
Tuition, per unit (over 18).....	25.00
Tuition, per unit (7 to 11 units).....	30.00
Minimum tuition below seven units (undergraduate).....	200.00
Graduate courses, per unit.....	30.00
Books and supplies, per semester.....	25-40.00
Room Deposit.....	20.00
Room and Board, per semester.....	450.00
Board only (off campus residents).....	270.00

Payments for room and board (or board only) do not include: 1) Christmas vacation, 2) Easter vacation. The room will be ready for re-occupancy by 6 p.m. the day before school reconvenes. In the event that circumstances make it necessary to live on campus during these vacation periods, special clearance must be made each time through the Dean of Students and the Business Office. The charge for vacation occupancy is \$10.00 per week. (Students must furnish blankets and pillows.)

Student Body Fee, per semester, (required of all registered students)	15.00
Yearbook and Publications (per semester).....	7.00
Student Insurance, for calendar year, payable in Sept.....	24.00
Guidance and Counseling Testing Fee (all new students).....	5.00
Application Fee (payable upon application for admission).....	10.00
Re-application Fee	5.00
Late Registration Charge.....	10.00
Change of Program (charged only after completion of 5th day of instruction*).....	3.00
Special Examinations, each.....	5.00
Change of Major Fee (charged after completion of 4th semester of college work).....	5.00
Laboratory Fees.....	15.00
Graduation Fee (includes Graduate Record Exam Fee).....	30.00
Transcript Fee (for each official copy after first, which is free)	1.00

REFUNDS

Fees are not refundable, with the following exceptions:

Lab Fees: through 5th day of scheduled instruction*—refunded in full. After 5th day of scheduled instruction, no refund.

TUITION

Full refund if withdrawal is effected by the end of the 5th day of scheduled instruction.*

One-half refund by end of 10th day of scheduled instruction.*

One-fourth refund by end of 15th day of scheduled instruction.*

NO refund after completion of the 15th day of scheduled instruction.*

*Days of scheduled instruction: Monday through Friday only. Saturday is not counted because the general College offices are not open on Saturdays.

TERMS

All Charges are payable by semester in advance.

For those who desire to spread payments over the entire year, information concerning a monthly payment plan which is acceptable to the College will be sent on request. The College requires that all contracts for the monthly payment plan must be signed by one of the parents of the student. This is true even when the student is over 21.



STUDENT ACTIVITIES

STUDENT GOVERNMENT

All authority in the College for Men is derived from the Most Reverend Bishop, the President of the University.

This authority is delegated, according to specific norms, to the Officers of the Administration and to the Student Body.

Because the College for Men believes that preparation for life in a democracy is aided by actual student participation in democratic forms, and because it believes that the students should, within limits, exercise authority over their own social affairs, it grants to the students certain authority within the framework of the Student Body Constitution, which it approves, to plan, execute, and discipline their social affairs.

The Student Officers and the Student Council, to whom authority is delegated according the Student Body Constitution, exercise this authority in the context of the whole and for the good of the whole.

The organization of the student government is indicated in the Student Body Constitution.

CONDUCT

The College for Men assumes its students are in agreement with its purposes and philosophy. All are expected to govern their conduct according to the norms of Christian gentility and good taste. Any behavior on or off campus that may bring discredit to the individual or to the College may result in disciplinary action, including dishonorable dismissal from the College.

DRESS

All are expected to dress in clothes that are in good taste for their surroundings. All students are expected to be clean and neat and free from all slovenliness with regard to their clothes and their persons.

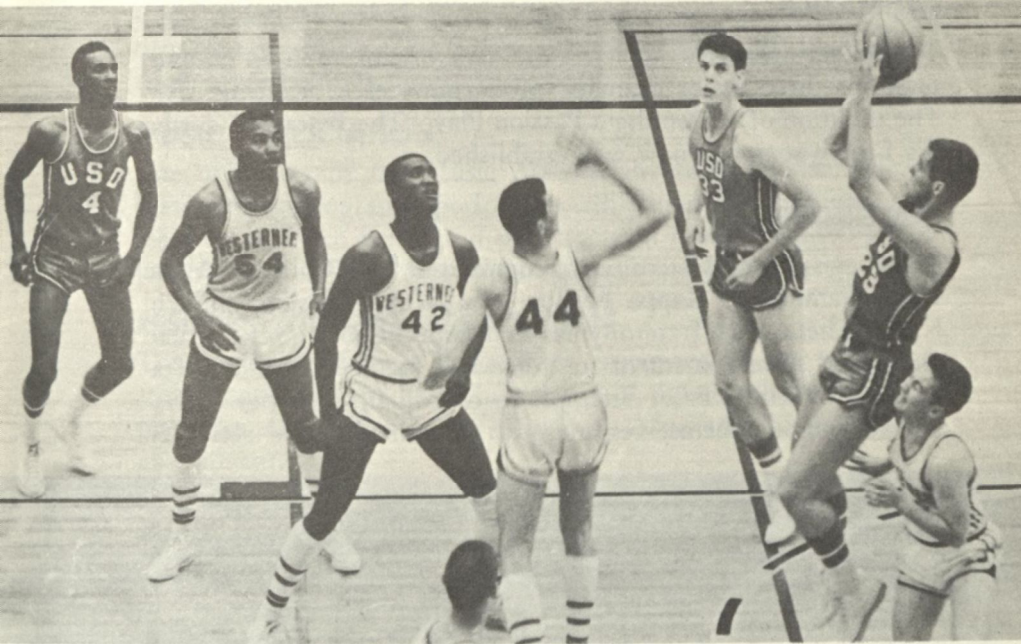
AUTOS

Parking space is provided for those students driving to classes. All are expected to park their cars in assigned areas only and to respect the areas that are restricted to faculty and visitors. Careful, slow driving on campus is insisted upon. All autos that are brought on campus are to be registered and are to display the parking emblem provided.

ORGANIZATIONS

ACCOUNTING SOCIETY

The purpose of this society is to encourage and promote the study of accountancy in its highest standards. It serves as a medium between student, instructors, and other professional accounting organizations. Members will take part in field trips, professional lectures by outsiders, and are encouraged to become members of the American Accounting Association, National Association of Accountants, and also to continue the study of accountancy in graduate schools until their goal is obtained.



ATHLETICS

The College for Men offers a program of intramural sports and maintains a schedule for intercollegiate games in varsity basketball, baseball, tennis, and golf. This program receives the enthusiastic support of the University of San Diego Booster Club, organized in 1955.

AUXILIARY ORGANIZATIONS

Besides the Booster Club, the College has three other auxiliary organizations which render highly appreciated and most valuable

aid, both socially and financially: the University of San Diego Auxiliary, a group of San Diego women interested in the College; the Alcala Guild, a group of mothers of students and faculty wives; and the Alumni Association which promotes the interests of students and graduates of the College for Men.

CIRCLE K

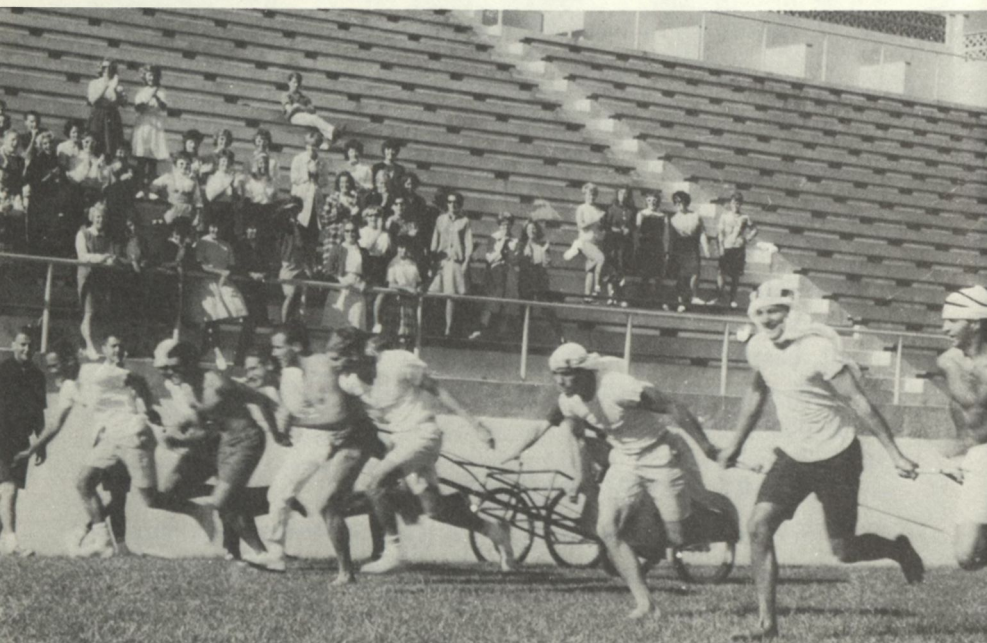
The Circle K is a campus service organization similar to adult service clubs and is sponsored by the Downtown Kiwanis Club of San Diego. Through its activities and projects the club offers service to the campus, to the school, and to the community.

DRAMATICS

The Alcala Masquers, an active dramatic organization on campus, produces three major dramatic productions each academic year. The tradition of presenting a Passion Play, "The Betrayal," during the Lenten season is now well established.

FRATERNITIES

There exist three fraternities recognized by the College: Alpha Delta Gamma; Pi Kappa Epsilon—Tau Kappa Epsilon and Phi Kappa Theta. Each fraternity has as its aim the social, intellectual, and moral development of its individual members. An Interfraternity Council (I.F.C.) attempts to coordinate activities of fraternities among themselves and with all other student activities.



GAVEL CLUB

The Gavel Club is a forensic society organized to foster activity in public speaking, oral interpretation, and debate. Members participate in local, state, and national tournaments.

INTERNATIONAL RELATIONS CLUB

This organization gives students an opportunity for analysis and discussion of current problems with the objective of developing intelligent, alert citizens. Many members participate in the annual Model United Nations Session.

LITERARY PUBLICATIONS

Vista, a student newsletter, is published every two weeks. A student literary review, *The Canon*, is published biannually. *All The Men*, a yearbook, is published in May.

MUSIC ASSOCIATION

The objectives of the Music Association are to sponsor educational music programs, perform at athletic events, organize and maintain a dance band, and participate in musical activities. An integral part of the Music Association is the Glee Club.

RESIDENT STUDENT ASSOCIATION

The Resident Students Association, organized in the spring of 1964, concerns itself with student life of those who live on campus. The Association is not a part of Associated Student Body government.

PSYCHOLOGY CLUB

The Psychology Club promotes the interest and creative development of students studying psychology or related life sciences. Programs are designed to augment and enhance the regular curriculum and include lectures, colloquia, and panel discussions.

SAILING CLUB

The Sailing Club, open to students from the College for Men and the College for Women, takes advantage of an ideal climate and location for aquatic activities. It is organized both for recreation and collegiate competition.

S.A.M.

The Society for the Advancement of Management, student chapter, promotes field trips for students in Business Administration, and arranges for visiting speakers to lecture on campus regarding the problems and techniques of management in the business world today.

SIGMA PSI

Sigma Psi is a mathematics and science society. The aims of this society are purely academic: to encourage a professional spirit and friendship among those who display a marked interest in science and mathematics; to aid student efforts in science and mathematics by accumulating sources of information on recent developments in these fields; and to foster individual and joint mathematics and science research projects.

SPEAKERS' BUREAU

Students from both the College for Women and College for Men participate in this organization, which gives them an opportunity to appear before various civic and cultural organizations as representatives of the University. They also speak to students in junior colleges and parish high schools of religion.

STUDENT ADVISORY COUNCIL

The Student Advisory Council is a committee of the Associated Student Body, which meets regularly with the President of the College to discuss problems, to be informed, and to present students' views.

STUDENT EDUCATION ASSOCIATION

The University of San Diego Student Education Association, affiliated with the California Teachers Association and the National Education Association, is designed to encourage continued interest in the teaching profession by students in all major academic fields. Membership is open to all students in good standing at the College for Men. Opportunity is afforded members to participate in professional, social, and service activities related to the broad field of education. The primary purpose of the USDEA is the development of the career teacher.



ADMISSION PROCEDURE

Application for admission to the College for Men is made through the Office of Admissions. All applications, transcripts, credentials, and letters should be addressed to that office. The application form will be found at the end of this Bulletin. Additional forms may be obtained by mail or in person from the Office of Admissions, University of San Diego, College for Men, Alcala Park, San Diego, California 92110.

APPLICATION FOR ADMISSION

Application for enrollment must be made on the form provided by the Office of Admissions. The applicant himself must arrange with the registrars of all high schools, colleges, and universities that he has attended, to forward the official transcripts of record which are part of the complete application for admission. In the case of college transfer students, two transcripts of all college work previously undertaken must be filed with the Office of Admissions. If transcripts of all previously attempted college work are not filed with the College for Men before admission, this omission renders the registration invalid; and if this is discovered at any further date, the student is liable to dismissal.

Because the College cannot issue a notice of acceptance until the application form and letters and records have been received and evaluated, applicants are advised to begin the process of application for admission as early as possible before the date they propose to register. Applications received after May 1 will be considered insofar as there remain openings in the freshman class. Applicants are encouraged to make application at the earliest opportunity following the completion of the Fall Semester in the senior year of high school. Normally students will not be notified of acceptance before the month of March.

CANDIDATE'S REPLY DATE

The College for Men observes the announced Candidate's Reply Date of College Entrance Examination Board.

ENTRANCE REQUIREMENTS

Admission to the College for Men is based upon evidence of the applicant's fitness to profit by college work. The application form, the letters and records that accompany it, together with such tests as the Office of Admissions may deem necessary, provide the basis upon which the applicant's petition is evaluated. A personal interview is desired wherever possible, and may be required in any case at the option of the Dean of Admissions or the Faculty Committee on Admissions.

SCHOLASTIC APTITUDE TEST

All applicants for admission as freshmen are required to take the Scholastic Aptitude Test of the College Entrance Examination Board. For further information or an application to take this test, write directly to the Educational Testing Service, Box 1025, Berkeley, California 94701; or Box 592, Princeton, New Jersey 08540. It is recommended that this test be taken during December, January, March, or May (in California, November administration is also acceptable) preceding the desired date of entrance.

MATRICULATION

A student of an accredited secondary school may matriculate if he has completed with a C+ average the following recommended program:

- 3 years of English
- 1 year of social studies
- 2 years of mathematics (algebra and geometry)
- 1 year of physical or biological science with laboratory in the junior or senior year
- 2 years of a foreign language
- 7 units of elective subjects of which at least 3 are in academic subjects.

Applicants who present a recommended high school program with 14 A's and B's over four years, or 10 A's or B's over the last three years, can also be admitted.

An applicant who does not qualify for matriculation under the programs outlined above may be admitted if, on the basis of tests, recommendations, and other pertinent evidence, the Admissions

Committee feels there is a reasonable hope of his succeeding in collegiate academic work.

COLLEGE TRANSFER STUDENTS

The College for Men accepts students on transfer who present a C average or better. Applicants for admission on transfer must present acceptable Scholastic Aptitude Test Scores from the College Entrance Examination Board. Students accepted by transfer must maintain a C average at the College for Men.

HONORS AT ENTRANCE

Freshman students entering from high school and presenting markedly superior records of achievement may be granted Honors at Entrance. No prospective student will be considered for honors unless his record shows an excellency of at least 3.51 grade point average on a 4 point scale from high school. Recipients of Honors at Entrance and their respective high schools will be notified prior to high school graduation. This distinction does not convey monetary awards.

VETERANS CERTIFICATE OF ELIGIBILITY

A Certificate of Eligibility is required for each entering veteran and or surviving dependent of a veteran. Any person entitled to enroll under any Public Law must present a Certificate of Eligibility from the proper veteran's authority so that the College can certify to the Veterans Administration that he has entered into training. For further information write to the Director of Veterans Affairs, in care of the College for Men.

HEALTH RECORD

All entering freshmen and transfer students will file a health history on a form provided by the Office of Admissions. The filing of this history is not necessary for admission.





Fr. Cadden and Fr. Eagen receive grant from Mr. Ralph Ullum of Gulf Oil Corp.

FINANCIAL AIDS

Students whose attainments in study or leadership recommend them for a college education and who are in need of financial help in order to enter college are invited to write to the Financial Aids Committee, in care of the Office of Admissions, described below under "Procedure for Obtaining Scholarships and Loans." The University of San Diego, College for Men offers three kinds of financial aid to qualified students: scholarships, loans, and employment services, including both on and off-campus job opportunities.

SCHOLARSHIPS

A limited number of scholarships are offered by the College for Men. These awards range from \$200 to \$800 per year to cover current tuition costs and are granted in accordance with the published policy of certain West Coast colleges and universities which makes a distinction between (1) recognition of academic excellence and (2) recognition of need for financial assistance.

Scholarships are granted on the basis of academic achievement and demonstrated financial need. Honors at Entrance are awarded solely in recognition of markedly superior records of academic achievement, and this distinction does not convey monetary aid. A student may qualify for both Scholarship Grants and Honors at Entrance.

All students given a Scholarship Grant are expected to complete their work for an undergraduate degree at the College for Men since the donors of such awards quite naturally prefer that the financial assistance which they provide go to those students who earn degrees at this college. Accordingly a Scholarship Grant agreement is drawn up between the College for Men and the recipient. Each year the Committee on Financial Aids recommends candidates for Scholarship Grants to the President of the College.

CHARLES RAY CONSIDINE AWARDS

The Charles Ray Considine Awards are annual monetary awards for excellence in the Division of Business Administration. One award is given to the top student within the division. Awards are given to the top student in each field of concentration: Management, Marketing, Accounting, General Business, and Finance. The above awards are granted solely on academic merit on the recommendation of the Division to the Committee on Honors.

LOANS

NATIONAL DEFENSE STUDENT LOAN PROGRAM

The National Defense Education Act of 1958 provides for the creation, in colleges and universities, of government loan funds from which qualified students may borrow in order to complete their college education. These funds are administered directly by the Office of Financial Aids. Further information can be obtained by writing that office.

UNITED STUDENT AID FUNDS

U.S.A. Funds is a private, non-profit service corporation which endorses low-cost, long-term loans made by local banks to needy college students. Students who have completed their freshman year may borrow up to \$1,000 a year—or a combined total of \$3,000 for undergraduate and/or graduate education—from this fund. Repayments begin the first day of the fifth month after graduation.

UNIVERSITY OF SAN DIEGO

WOMEN'S AUXILIARY LOAN FUND

Short term loans not in excess of \$25.00 are available to students for personal emergencies. This fund is administered by the Office of Financial Aids.

EMPLOYMENT SERVICES

The College for Men attempts to assist worthy students to find off-campus employment. The San Diego metropolitan area provides possibilities for students to locate week-end or part-time employment with business, industry, or commerce. The Office of Student Services keeps a list of such job opportunities and handles applications for on-campus employment.

The student's primary responsibility is to his studies; therefore it is recommended that students do not attempt to work more than twenty hours per week. One should not plan upon part-time work as the primary means of support during the school year.

PROCEDURE FOR OBTAINING SCHOLARSHIPS AND LOANS

Candidates for scholarships and/or loans are invited to request an appropriate application form from the Financial Aids Committee, in care of the Office of Admissions.

Financial need is established through an analysis of the Parents Confidential Statement filed with the College Scholarship Service. This statement can be obtained from high school counselors, the College for Men, Office of Financial Aids, or the College Scholarship Service, Box 1025, Berkeley, California 94701; or Box 176, Princeton, New Jersey 08540.

Scholarship and loan applications may be submitted at any time after completion of the seventh semester of high school work, but must be submitted prior to April 1. No award of financial aid will be granted by the College unless an application file has been received and notification of acceptance has been forwarded by the Office of Admissions.

All students in the College receiving financial aid will have their award reviewed annually. This review will consider his academic record, his continued need, and his activities in the life of the College.

ACADEMIC REGULATIONS AND PROCEDURES

GRADE POINTS

Marking at the College for Men is on an alphabetical basis. For each unit attempted, grade points are assigned according to the mark or grade achieved.

- | | |
|---|----------------|
| A — Superior | 4 Grade points |
| B — Very Good | 3 Grade Points |
| C — Average | 2 Grade Points |
| D — Inferior | 1 Grade Point |
| F — Failed | 0 Grade Points |
| I — Incomplete because of approved excuse. Grades of incomplete must be made up by the end of the sixth week of the following semester. After that time the incomplete will be considered as a grade of F. When work is completed the grade achieved is recorded. | |
| W — Withdrawn with permission while passing course. Students when withdrawn from courses after the last date indicated in the current academic calendar will receive simply a grade of F in such courses. | |
| CR — No grade points. Units are not computed in the Grade Point Averages. | |

The Grade Point Average is obtained by dividing the total number of grade points by the total number of attempted units.



An incomplete course, a failure, or a withdrawal will not count as fulfilling any requirement. When a course that has been previously failed is subsequently passed, the failure is not expunged from the record and is accounted for in the Grade Point Average.

AMOUNT OF WORK

The normal amount of work allowed each semester is $16\frac{1}{2}$ academic units. This may be increased to $18\frac{1}{2}$ by the divisional chairman. Beyond this it must have the approval of the Academic Dean. This permission will be granted only rarely and when the student has demonstrated the need and the ability to carry the additional load with profit. Normally no overload will be approved unless the Grade Point Average demonstrates a minimum excellency of B (3.0) in the cumulative record and for the previous semester.

AUDITING

Courses may be audited by regularly enrolled students or by persons not regularly enrolled in the College, with the consent of the instructor and the Records Office. Auditing fees are the same as those for regular tuition. No auditing student may subsequently register for credit in the course he is auditing, during the progress of the course after the late registration period has passed or after completing the course. Retroactive credit for a course previously audited can never be granted.

EXAMINATIONS

Dates and schedules for the final examinations are drawn up by the administrative authorities of the College and are not to be changed without the knowledge and consent of the Academic Dean.

Within one week following the mid-term examination period, grades indicating progress to date are filed with the Records Office. These are distributed to the students, to the parents of minors, and to the appropriate divisional and departmental officers. For all special examinations a fee of \$5.00 will be charged for each course unless remitted by the Office of the Academic Dean.

SPECIAL EXAMINATION TO FULFILL A REQUIREMENT

Students who wish to fulfill specific college requirements for graduation by examination may petition the Office of the Aca-

demic Dean for permission to sit for such examinations. The time and place for these examinations will be scheduled by the Office of the Academic Dean each semester. No student will normally be allowed to sit for more than one examination in any one semester. The fee for such an examination is \$10.00.

ATTENDANCE

Regular and prompt attendance at class and at official general assemblies is deemed essential for the optimum educational progress of the student and for the orderly conduct of academic life at the College for Men. Accordingly, students are required to attend all scheduled classes in the courses in which they are registered and all official assemblies.

Since, however, some absences may be truly unavoidable (e.g. in cases of illness), the following regulations will apply:

1. The number of absences per semester tolerated for legitimate reasons will be equal to the number of times that the particular class meets each week. (The same rule will apply to laboratory sessions.)
2. Absences exceeding the tolerated number will be penalized in each case, by the instructor, without regard for the reason of the absence.
3. The penalty imposed for excessive absences from class will be an academic one, to be established by the instructor and announced by him at the beginning of each semester.
(Example: the assignment of a term paper for each excessive absence.)
4. Official absences—namely, absences which may be authorized by the administration in exceptional instances—will not be numbered among the tolerated or excessive absences; however, the student is expected to make up the work.
5. Absences from official assemblies—namely, general assemblies of obligation by reason of the rules of the College or by reason of administrative directive—will be treated as a disciplinary matter and will be penalized by the Dean of Students at his discretion.
6. Tardiness may be recorded as an absence at the discretion of the instructor, whether or not the tardy student is admitted to the class.

ACADEMIC DEAN'S LIST

After each semester the Dean's List will be posted, on which the names of those students with a 3.76 grade point average achieved during the preceding semester will appear as receiving first honors, and the names of those who have achieved a 3.51 grade point average will appear as receiving second honors. Students receiving either first or second honors are personally commended by the Academic Dean.

HONORS

When the College approves the granting of a degree, it may also authorize that it be granted with honors. In no case will honors be granted if the academic record, both at the College for Men and at other colleges the student has attended, does not show excellence of 3.96 grade points for summa cum laude, 3.76 grade points for magna cum laude and 3.51 grade points for cum laude. A student placed on disciplinary probation at any time will not normally be considered for honors at graduation.

DROPPING AND ADDING CLASSES

After registration, no course may be added or dropped, except through the Records Office, on specially provided forms. Unofficial withdrawal from a course results in a mark of F.

DISMISSAL

All matters of dismissal for scholastic deficiencies or personal misdemeanors are the care of the President of the College, to whom instructors are expected to submit such difficulties through the appropriate administrative officers.

WITHDRAWAL FROM COLLEGE

No student will be officially withdrawn from College until the form provided by the Records Office is completed and filed in that office. The individual student is responsible to obtain, circulate, and file this form. A student who interrupts his registration at the College for one or more semesters will be considered to have withdrawn from the College and must make application for re-admission.

LEAVE OF ABSENCE

A student may be granted a leave of absence from the College by submitting a written petition for the judgment of the committee on Academic Standards. If granted, the student's matriculation will be considered continuous provided he adheres to all the conditions of the leave of absence.



DEGREE REQUIREMENTS

GENERAL EDUCATION PROGRAM

Students qualifying for a degree must complete the following general education requirements:

ENGLISH 9 units

English 1 (Rhetoric and Composition) 3

English 42 (American Literature) 3

English 46 or 47 (English Literature) 3

FOREIGN LANGUAGE 10 units

Two semesters in the same language for all non-business majors.

GENERAL CULTURE 6 units

Six units are to be selected from the following fields:

Fine Arts 50 (History and Appreciation of Art)

Mathematics

Music 1 (Glee Club—four consecutive semesters)

Music 90 (Appreciation of Music)

Philosophy 25 (Logic)

Philosophy 36 (Philosophy of Art)

Philosophy 181 (Symbolic Logic)

PHILOSOPHY 12 units

Philosophy 60 (Philosophy of Man) 3

Philosophy 110 (Philosophy of Being) 3

Philosophy 120 (Philosophy of God and Morality) 3

Philosophy 130 (Philosophy of Conduct) 3

PHYSICAL EDUCATION 2 units
 Four semesters of Physical Education are required of each student unless exempt.

SCIENCE (LABORATORY) 6 units
 A two-semester sequence in Biology or General Physical Science (Two lectures and a three hour laboratory period per week). Qualified students (with approval of the professor) may substitute the 4-4 sequence for Science Majors for this requirement.

SOCIAL SCIENCES 9 units
 History 1 (History of the United States) 3
 (or History 17 and 18)
 Sociology 35 (Marriage and the Family) 3
 Three units are to be selected from the following fields:
 Economics, Education, History, Political Science,
 Psychology or Sociology 3
 All students must also satisfy the requirement for "Governmental Institutions." This may be done by examination or by completing Political Science 2 or History 17 and 18.

SPEECH 2 units

THEOLOGY 12 units
 One three unit course each year for every Catholic student is required, as well as a private retreat of three days duration, which must be made once during the first three years of enrollment or before entering the senior year.

Total Units 44-68

FOREIGN LANGUAGE REQUIREMENT

Language 1 and 2 10 units
 Language 2 and 3 (2 years high school proficiency) 8 units
 Language 3 and 4 (3 years high school proficiency) 6 units
 Language 3 or 4 (4 years high school proficiency) 3 units
 Proficiency in a language on the college level demonstrated to the satisfaction of the Department of Foreign Languages 0 units

High school proficiency can be indicated by:

- (a) Advanced Placement Program and Test of CEEB (credits entered on college record).
- (b) Achievement Test of CEEB taken in Senior Year High School with score submitted at entrance.
- (c) Standard tests taken at registration before academic counseling.

PHILOSOPHY REQUIREMENT

For the guidance of students who transfer from other universities and colleges, the general education requirements in philosophy are to be satisfied according to the following sequences:

In 2nd semester of sophomore year: Philosophy 60, 110, 120, 130

In 1st semester of junior year: Philosophy 110, 120, 130, 60

In 2nd semester of junior year: Philosophy 120, 130, 60

In 1st semester of senior year: Philosophy 120, 130

UNIT AND GRADE POINT REQUIREMENTS

For the reception of a degree, a minimum of 128 college units is required. A unit is defined—unless otherwise specified in this bulletin or emendation thereof—as one recitation or lecture period or one laboratory period a week for one semester. A general grade point average of C (2.00 G.P.A.) in all work attempted in college is required for graduation.

Of the 128 units required for graduation, 48 must be in upper division courses, i.e., those bearing numbers of 100 or above. As a prerequisite for enrolling in upper division courses, it is required that a student have achieved upper division status, i.e., have completed at least 64 lower division units. In certain circumstances a student will be allowed to enroll in an upper division course if simultaneously during the same term he will have completed the 64 unit requirement.

FIELD OF CONCENTRATION

Preferably during the freshman year (especially for mathematics and science majors), and certainly early in the sophomore year, each student is expected to make a definite choice of his field of concentration or major.

A minimum of 24 units in courses numbered 100 or above and an average grade of C (2.00 G.P.A.) are required in the field of concentration or major. Each particular department may prescribe

certain lower division courses as prerequisites for upper division work. A comprehensive examination in the major field and in philosophy may be required as a condition for graduation.

In addition to the major field, each student must select a minor and must complete at least nine upper division units in this area as well as six lower division units to a minimum total of fifteen units combined, unless the chairman of the department of the student's major has been authorized to make an emendation by the appropriate faculty committee.

PETITION FOR GRADUATION

In the beginning of the first semester of the junior year, all students are required to file a petition for graduation if they wish to graduate in the spring of the following academic year, so that they may be advised in due time of the courses that they will be required to complete. The petition for graduation must be accompanied by the graduation fee.

M.A.T. DEGREE REQUIREMENTS

A graduate committee will be appointed to assist the student to develop his degree program. When this program has been completed, including satisfaction of departmental requirements in the teaching major, and the thesis or project has been accepted, oral examinations will be scheduled.

During the semester preceding that in which the M.A.T. degree is expected to be granted, the student shall file a petition for graduation, accompanied by the graduation fee.



DEPARTMENTAL ORGANIZATION

DIVISION OF HUMANITIES

Department of English	36
Department of Foreign Languages	37
Department of Philosophy	38
Department of Speech and Dramatic Arts	40
Department of Theology	40

DIVISION OF SOCIAL SCIENCES

Department of Economics	40
Department of History	41
Department of Political Science	42
Department of Psychology	43
Department of Sociology	45

DIVISION OF NATURAL SCIENCES AND MATHEMATICS

Department of Biology	45
Department of Chemistry	46
Department of Mathematics	47
Department of Physics	48

DIVISION OF BUSINESS ADMINISTRATION

50

TEACHER EDUCATION PROGRAM

53

Department of Education	53
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DIVISION OF HUMANITIES

CHAIRMAN

Reverend William L. Shipley

FACULTY

Reverend Thomas J. Carlin, Reverend Leopoldo Creoglio, Fidelia R. Dickinson, John W. Dickinson, Reverend I. Brent Eagen, Lee Gerlach, Reverend Francis Marcolongo, Reverend Marcel B. Matley, Irving W. Parker, Richard B. Peacock, Reverend Francisco L. Peccorini, Frank Ponce, Fred C. Sanders, Jr., Reverend J. Vincent Sullivan, William P. Thomas

DEPARTMENT OF ENGLISH

CHAIRMAN

Lee Gerlach

OBJECTIVES

Literature in its more particular sense is one of the fine arts. Its aim is to give special and untranslatable form to human experience. For the student, the literary work—poem, play, essay, or novel—constitutes a distinctive order of knowledge. From the earliest times and in virtually every culture, some exacting acquaintance with such works has been, and continues to be, an essential part in a man's project to become civilized: that is, a committed member of the human community. The Department of English provides all students in the college with guided literary study and training in composition through English 1, 42, 46, and 47; offers a range of courses that may be taken for credit as electives; and offers a major leading to the Bachelor of Arts degree.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN ENGLISH

The student must satisfy the general education requirements as set forth in this bulletin and complete the following courses:

English 30, 50	6 units
English 116; 115 or 118; 110 or 120; 121; 122 or 124; 128; 132 or 138; 140, 142 or 146	24 units

PROGRAM OF STUDY

Bachelor of Arts — English Major

FRESHMAN

SEMESTER I	Units	SEMESTER II	Units
<i>Course</i>		<i>Course</i>	
English 1	3	English 42	3
Language 1	5	Language 2	5
Philosophy 25	3	Philosophy 60	3
Science	3	Science	3
Speech	2	Theology 20	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	16 $\frac{1}{2}$		17 $\frac{1}{2}$

SOPHOMORE

Elective L.D.	3	Elective L.D.	3
English 30	3	English 50	3
Language 3	3	History 1	3
Sociology 35	3	History of Art 50	3
Theology 30	3	Social Science	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	15 $\frac{1}{2}$		15 $\frac{1}{2}$

JUNIOR

Elective	2	Elective	3
Elective U.D.	3	Elective U.D.	3
English 116	3	English 121	3
English 115 or 118	3	English 110 or 120	3
Philosophy 110	3	Philosophy 120	3
Theology 140	3		15
	17		

SENIOR

Elective	2	Electives	6
Elective U.D.	3	Elective U.D.	3
English 128	3	English 132 or 138	3
English 122 or 124	3	English 140, 142, or 146	3
Philosophy 130	3		15
Theology 150	3		
	17		

General Education Courses in **Bold Type**.

DEPARTMENT OF FOREIGN LANGUAGES

CHAIRMAN

Reverend J. Vincent Sullivan

OBJECTIVES

Foreign languages are tools for reading, research, and communication in major and minor fields, such as history and science. Hence a proficiency in a language other than English may be required for upper division college work or graduate work. Many times a second foreign language is demanded for the doctorate. College is the time to develop these linguistic abilities. Languages are also the key to new experiences in analyzing and enjoying the expression of thought and in appreciating culture. Hence they are a valid part of the Liberal Arts program. Opportunities become available, or needs arise, for direct communication, through military and diplomatic service, commerce, travel, teaching, and the cultural exchange of knowledge, art, and science. Skilled language teachers are needed today at every level of education. Opportunities are available at all times to read, many times to hear, sometimes to speak, fewer times to write. Therefore an ideal active knowledge, a reasonable proficiency, includes reading comprehension, facility in understanding the spoken language, fluency in speaking, ability to write.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS
WITH A MAJOR IN FOREIGN LANGUAGE

The student must satisfy the general education requirements as set forth in this bulletin and complete the following courses:

Language 100, 101 or 102, 110, 111	12 units
One course each in Individual Authors, Periods & Movements, Types & Forms, and an Area Study	12 units

PROGRAM OF STUDY
Bachelor of Arts — Language (Latin or Spanish)

FRESHMAN

SEMESTER I		SEMESTER II	
<i>Course</i>	<i>Units</i>	<i>Course</i>	<i>Units</i>
English 1	3	English 42 or 47	3
General Culture	3	General Culture	3
Language 1	5	Language 2	5
Science	3	Science	3
Theology 20	3	Speech	2
Physical Education	1½	Physical Education	1½
	17½		16½

SOPHOMORE

English 46 or 47	3	Elective	3
Language 3	3	Language 4	3
2nd Language 1	5	2nd Language 2	5
Sociology 35	3	Philosophy 60	3
Theology 30	3	Social Science	3
Physical Education	1½	Physical Education	1½
	17½		17½

JUNIOR

Area Study U.D.	3	Area Study U.D.	3
Language 100	3	Language 101/102	3
Language 110	3	Language 111	3
2nd Language 3	3	2nd Language 4	3
Philosophy 110	3	Philosophy 120	3
Theology 140	3		15
	18		

SENIOR

Language 112 series	3	Elective	3
2nd Language U.D.*	6	History 1	3
Philosophy 130	3	Language 130 series	3
Theology 150	3	Language 140 series	3
	15	2nd Language U.D.*	3
			15

Graduate in Education

Education 207	3	Education 220A-B	6
Education 215	3	Language 201	3
Language 200	3	Minor—Elective	3
Minor—Elective	6		12
	15		

*This is recommended for a language major; another minor may be selected with approval of Departmental Chairman.

General Education Courses in **Bold Type**.

DEPARTMENT OF PHILOSOPHY

CHAIRMAN

Reverend William L. Shipley

OBJECTIVES

The Department of Philosophy aims to bring a high standard of intellectual maturity and moral integrity to all students, and especially philosophy majors, by introducing them to the thoughts of the greatest thinkers of all times. In particular, to develop habits of:

- Intellectual curiosity and disciplined independence of judgment
- Certitude of fundamental principles

Facility and accuracy in reasoning

Breadth of synthesis in the integration of the sciences and of the art

Insight in the analysis of individual and social problems in terms of man's destiny

Convictions requisite for personal integrity in the attainment of that human destiny

The beginnings of wisdom, both speculative and practical, as a natural culmination of the preceding.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN PHILOSOPHY

The student must satisfy the general education requirements as set forth in this bulletin and complete the following courses:

Philosophy 25, 55, 60, 75A-75B	17 units
Philosophy 110, 115, 125, 135A-135B	15 units

PROGRAM OF STUDY

Bachelor of Arts — Philosophy Major

FRESHMAN

SEMESTER I	Units	SEMESTER II	Units
<i>Course</i>		<i>Course</i>	
English 1	3	English 42 or 47	3
Language 1	5	Language 2	5
Philosophy 25	3	Philosophy 60	3
Philosophy 55	3	Sociology 35	3
Social Science	3	Theology 20	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	17 $\frac{1}{2}$		17 $\frac{1}{2}$

SOPHOMORE

English 42 or 46	3	Elective	3
General Culture	3	History 1	3
Language 3	3	Philosophy 75B	4
Philosophy 75A	4	Science	3
Science	3	Theology 30	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	16 $\frac{1}{2}$		16 $\frac{1}{2}$

JUNIOR

Elective	3	Elective	3
Elective U.D.	3	Electives U.D.	6
Philosophy 110	3	Philosophy 115	3
Philosophy U.D.	3	Philosophy 125	3
Speech	2		15
Theology 140	3		
	17		

SENIOR

Elective	3	Elective	3
Elective U.D.	6	Electives U.D.	6
Philosophy 135A	3	Philosophy 135B	3
Philosophy U.D.	3	Philosophy U.D.	3
Theology 150	3		15
	18		

General Education Courses in Bold Type.

DEPARTMENT OF SPEECH AND DRAMATIC ARTS

CHAIRMAN

Fred C. Sanders, Jr.

OBJECTIVES

Speech as the communication of thoughts and emotions by means of one's entire being is held to be a vital tool for a cultivated man. Training in the concepts, principles, and practice of the art of speech is given through offerings in all the major areas of the field: correction, public speaking, and drama. Practical application of theory is stressed, both in class and in extracurricular activities.

DEPARTMENT OF THEOLOGY

CHAIRMAN

Reverend Francis Marcolongo

OBJECTIVES

The objectives of the Department of Theology are to complement the process of maturation and integration initiated by the natural arts and sciences. Specifically they are to bring speculative and practical wisdom to greater maturity by elevating and coordinating it with the divine wisdom of dogmatic and moral theology; to complete the basic integration of the human personality by a synthesis of the natural virtues with the supernatural; and to develop, therefore, the true Christian, who does not renounce the activities of this life nor stunt his natural faculties, but "who thinks, judges, and acts . . . consistently in accordance with right reason illumined by the supernatural light of the example and teachings of Christ."

DIVISION OF SOCIAL SCIENCES

CHAIRMAN

Joseph W. Ruane

FACULTY

William R. Brockley, Paul Gardner, Maxine M. Gunderson, W. Eugene Hedley, John McCabe, Reverend Henry A. McDonnell, Reverend Robert A. Merikle, Reverend John A. Myhan, Reverend William A. Nolan, Reverend Charles Patron, Thomas R. Pearson, John Plag, Reverend Francis J. Rigney, William E. Salesses, A. Paul Theil, Reverend Vincent Waiches, John Y. P. Yin

DEPARTMENT OF ECONOMICS

CHAIRMAN

Paul Gardner

OBJECTIVES

The objectives of the Department of Economics are to offer the Economics major a sound foundation for the successful pursuit of graduate studies in economics or allied fields; to prepare the student for entry into business and financial institutions; and to impart a general appreciation of the institutions governing the production, distribution, and consumption of material goods necessary for the satisfaction of human needs.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN ECONOMICS

The student must satisfy the general educational requirements as set forth in this bulletin and complete the following courses:

Business Administration 140	3 units
Economics 1, 2, 101, 106, 111, 133, 141, 180	24 units
History 17, 18	6 units

PROGRAM OF STUDY

Bachelor of Arts—Economics Major

FRESHMAN

SEMESTER I		SEMESTER II	
<i>Course</i>	<i>Units</i>	<i>Course</i>	<i>Units</i>
English 1	3	English 42 or 47	3
Language 1	5	Language 2	5
Mathematics 3	3	Mathematics 4	3
Psychology 1	3	Sociology 35	3
Speech	2	Theology 20	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	16 $\frac{1}{2}$		17 $\frac{1}{2}$

SOPHOMORE

Economics 1	3	Economics 2	3
Elective	3	Electives	6
English 42 or 46	3	History 18	3
History 17	3	Philosophy 60	3
Theology 30	3	Physical Education	$\frac{1}{2}$
Physical Education	$\frac{1}{2}$		15 $\frac{1}{2}$
	15 $\frac{1}{2}$		

JUNIOR

Business Administration 140	3	Economics 111	3
Economics 101	3	Electives	6
Elective	3	Philosophy 120	3
Philosophy 110	3	Science	3
Science	3		15
Theology 140	3		
	18		

SENIOR

Economics 106	3	Economics 122	3
Economics 133	3	Economics 180	3
Economics 141	3	Economics U.D.	3
Philosophy 130	3	Electives	7
Theology 150	3		16
	45		

General Education Courses in **Bold Type**.

DEPARTMENT OF HISTORY

CHAIRMAN

Joseph W. Ruane

OBJECTIVES

The objectives of the Department of History are to offer courses leading to graduate study in history and such professional fields as law or government, and to impart a vicarious experience of the foundations of our cultural heritage thereby enlarging and enriching our personal appreciation of it and our ability to participate in its growth and development.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN HISTORY

The student must satisfy the general education requirements as set forth in this bulletin and complete the following courses:

Economics 1, 106	6 units
English 165	3 units
History 4, 5, 10, 17, 18	14 units
Political Science 110, 112	6 units

PROGRAM OF STUDY Bachelor of Arts — History Major

SEMESTER I		FRESHMAN		SEMESTER II	
<i>Course</i>	<i>Units</i>	<i>Course</i>	<i>Units</i>	<i>Course</i>	<i>Units</i>
English 1	3	English 42 or 47	3		
History 4	3	History 5	3		
History 10	2	Language 2	5		
Language 1	5	Science	3		
Science	3	Theology 20	1		
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$		
	16 $\frac{1}{2}$		17 $\frac{1}{2}$		

SOPHOMORE

Economics 1	3	English 42 or 47	3
Elective	3	General Culture	3
General Culture	3	History 18	3
History 17	3	Philosophy 60	3
Sociology 35	3	Speech	2
Physical Education	$\frac{1}{2}$	Theology 30	3
	15 $\frac{1}{2}$	Physical Education	$\frac{1}{2}$
			17 $\frac{1}{2}$

JUNIOR

Economics 106	3	History U.D.	9
History U.D.	3	Philosophy 120	3
Philosophy 110	3	Political Science 112	3
Political Science 110	3		15
Theology 140	3		
	15		

SENIOR

Electives	4	Electives U.D.	6
English 165	3	History U.D.	6
History U.D.	6	Theology 150	3
Philosophy 130	3		15
	16		

General Education Courses in Bold Type.

DEPARTMENT OF POLITICAL SCIENCE

CHAIRMAN

A. Paul Theil

OBJECTIVES

The objectives of the Department of Political Science are to equip the political science major with the basic knowledge prerequisite for graduate study in politics and government, foreign affairs, and law; and to afford students an understanding of the way in which political policy for a society is formulated and executed.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN POLITICAL SCIENCE

The student must satisfy the general education requirements as set forth in this bulletin and complete the following courses:

Economics 1, 106, 133	9 units
English 165	14 units
History 4, 5, 10, 17, 18	15 units
Political Science 1, 2, 3, 110, 112, 120, 127, 170	24 units

PROGRAM OF STUDY

Bachelor of Arts—Political Science Major

FRESHMAN

SEMESTER I		SEMESTER II	
Course	Units	Course	Units
English 1	3	English 42	3
History 10	2	Language 2	5
Language 1	5	Science	3
Science	3	Speech	2
Sociology 35	3	Theology 20	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	16 $\frac{1}{2}$		16 $\frac{1}{2}$

SOPHOMORE

Economics 1	3	General Culture	3
English 46	3	History 5	3
History 4	3	Philosophy 60	3
Philosophy 25	3	Political Science 2	3
Political Science 1	3	Political Science 3	3
Physical Education	$\frac{1}{2}$	Theology 30	3
	15 $\frac{1}{2}$	Physical Education	$\frac{1}{2}$
			18 $\frac{1}{2}$

JUNIOR

Economics 106	3	History 18	3
History 17	3	Philosophy 120	3
Philosophy 110	3	Political Science 112	3
Political Science 110	3	Political Science 127	3
Political Science 120	3	Theology 140	3
	15		15

SENIOR

Economics 133	3	Elective U.D.	4
Elective U.D.	3	Philosophy 130	3
English 165	3	Political Science U.S.	9
Political Science 170	3		16
Theology 150	3		
	15		

General Education Courses in Bold Type.

DEPARTMENT OF PSYCHOLOGY

CHAIRMAN

Maxine M. Gunderson

OBJECTIVES

The primary objective of the Psychology Department is to advance the student's understanding of psychology as a science, a profession, and a means of promoting human welfare. Students will be offered opportunities to increase their individual responsibility, social consciousness, and

the skills of independent study along with the skills of effective discussion to aid in the acquisition of human relations. Specific objectives include the preparation of the psychology major for the pursuit of graduate study and preparation of the psychology major for positions in related fields where a basic grounding in psychological knowledge is desirable.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN PSYCHOLOGY

The student must satisfy the general education requirements as set forth in this bulletin and complete the following courses:

English 46 and 47 (an additional)	3 units
Mathematics 3, 4	6 units
Psychology 1, 2, 12, 104, 107, 119, 145, 160	24 units
Science (Biological)	6 units

PROGRAM OF STUDY

Bachelor of Arts — Psychology Major

FRESHMAN

SEMESTER I	Units	SEMESTER II	Units
<i>Course</i>		<i>Course</i>	
English 1	3	English 42	3
Language 1	5	Language 2	5
Psychology 1	3	Psychology 2	3
Science (Biological)	3	Science (Biological)	3
Speech	2	Theology 20	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	16 $\frac{1}{2}$		17 $\frac{1}{2}$

SOPHOMORE

English 46	3	Elective	3
Language 3	3	English 47	3
General Culture	3	Mathematics 4	3
Mathematics 3	3	Philosophy 60	3
Theology 30	3	Psychology 12	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	15 $\frac{1}{2}$		15 $\frac{1}{2}$

JUNIOR

Philosophy 110	3	General Culture*	3
Psychology 104	3	History 1	3
Psychology 145	3	Philosophy 120	3
Psychology U.D.	3	Psychology 160	4
Theology 140	3	Psychology U.D.	3
	15		16

SENIOR

Electives	6	Electives U.D.	9
Philosophy 130	3	Psychology 107	3
Psychology U.D.	3	Psychology 119	3
Sociology 35	3		15
Theology 150	3		
	18		

*Mathematical Logic is recommended.

Students preparing for graduate work in psychology will be encouraged to take 2 semesters in the physical sciences in their junior year and Psychology 161 in the Fall of their senior year. It is recommended that they substitute Mathematics 41 and 42 for Mathematics 3 and 4.

General Education Courses in **Bold Type**.

DEPARTMENT OF SOCIOLOGY

CHAIRMAN

Reverend William A. Nolan

OBJECTIVES

The objectives of the Department of Sociology are to offer a minor in sociology primarily designed for secondary school teachers and workers in probation, welfare, or other social agencies and to provide courses for all students which will enable them better to understand social relationships in general and to adjust to life as it is really lived.

REQUIREMENTS FOR A MINOR IN SOCIOLOGY

The student must satisfy the general education requirements as set forth in this bulletin and complete the following courses:

Sociology 1, 35	6 units
Sociology 105, 125, 145, 155, 165, 175 (enough units from the preceding to make)	9 units

DIVISION OF

NATURAL SCIENCES AND MATHEMATICS

CHAIRMAN

John P. McDermott

FACULTY

Elliott M. Brown, Donald O. Christy, William E. deMalignon, Jack Elliott, Jr., Anthony L. Julius, Jr., Donald B. Peterson, Andrew L. Seim, Robert D. Skorheim, Curt W. Spanis, Ernest P. Tovani, Granger Van Ess

DEPARTMENT OF BIOLOGY

CHAIRMAN

Curt W. Spanis

OBJECTIVES

The Department of Biology attempts to provide: basic training for graduate study and research in biology; training for pre-medical, pre-dental, and pre-veterinary students; and an introduction to the basic concepts of living organisms for students who are non-science majors.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE WITH A MAJOR IN BIOLOGY

The student must satisfy the general education requirements as set forth in this bulletin and complete the following courses:

Biology 34, 35	8 units
Biology 138, 139, 140, 141, 142, 143, 144, 145, 146, 148, 149, 151, 152 (enough units from the preceding to make)	24 units
Chemistry 25, 26, 101, 115, 116, 124	24 units
Language (German, French, or Russian)	10 units
Mathematics 41, 42; or 42, 43; or 43, 44	8-10 units
Physics 42, 43	8 units

PROGRAM OF STUDY
Bachelor of Science — Biology Major

FRESHMAN					
SEMESTER I			SEMESTER II		
<i>Course</i>	<i>Units</i>		<i>Course</i>	<i>Units</i>	
Chemistry 25	4		Chemistry 26	4	
English 1	1		English 42 or 47	3	
Mathematics 41	5		History 1	3	
Speech	2		Mathematics 42	5	
Theology 20	3		Philosophy 60	3	
Physical Education	$1\frac{1}{2}$		Physical Education	$1\frac{1}{2}$	
	17 $\frac{1}{2}$			18 $\frac{1}{2}$	
SOPHOMORE					
Biology 34	4		Biology 35	4	
English 42 or 46	3		Language 2	5	
Language 1	5		Physics 43	4	
Physics 42	4		Theology 30	3	
Physical Education	$1\frac{1}{2}$		Physical Education	$1\frac{1}{2}$	
	16 $\frac{1}{2}$			16 $\frac{1}{2}$	
JUNIOR					
Biology 138	4		Biology 141	4	
Chemistry 115	4		Biology 144	3	
Philosophy 110	3		Chemistry 116	4	
Social Science	3		Philosophy 120	3	
Theology 140	3		Sociology 35	3	
	17			17	
SENIOR					
Biology 140	4		Biology U.D.	4	
Biology 142	4		Biology U.D.	4	
Biology 150	1		Biology 151	1	
Chemistry 101	4		Chemistry 124	4	
Philosophy 130	3		Theology 150	3	
	16			16	

General Education Courses in **Bold Type**.

DEPARTMENT OF CHEMISTRY

CHAIRMAN

John P. McDermott

OBJECTIVES

The aims of the department are to provide a thorough foundation in the principles of chemistry and sufficient laboratory experience to prepare the chemistry major for graduate studies or industrial employment; to provide the necessary chemistry background for students of biology, pre-medicine, and physics; and to familiarize students who are non-science majors with the nature and structure of the physical universe.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE WITH A MAJOR IN CHEMISTRY.

The student must satisfy the general education requirements as set forth in this bulletin and complete the following courses:

Chemistry 25, 26, 51, 52, 103, 112, 115, 116, 121, 124, 126, 135, 136 46 units
 Mathematics 41, 42, 43, 44. (If qualified, a student will start with Mathematics 42 and then follow Mathe-

mathematics 44 with an upper division course in mathematics.)	16-18 units
Physics 44, 45, 46	12 units
German I, German II	10 units

PROGRAM OF STUDY

Bachelor of Science — Chemistry Major

SEMESTER I		FRESHMAN	SEMESTER II	
Course	Units		Course	Units
Chemistry 25	4		Chemistry 26	4
English 1	3		English 42 or 47	3
Mathematics 41	5		Mathematics 42	5
Speech	2		Physics 44	4
Theology 20	3		Physical Education	$\frac{1}{2}$
Physical Education	$\frac{1}{2}$			16 $\frac{1}{2}$
	17 $\frac{1}{2}$			

SOPHOMORE

Chemistry 51	5	Chemistry 52	4
English 42 or 46	3	Mathematics 44	4
Mathematics 43	4	Philosophy 60	3
Physics 45	4	Physics 46	4
Physical Education	$\frac{1}{2}$	Theology 30	1
	16 $\frac{1}{2}$	Physical Education	$\frac{1}{2}$
			18 $\frac{1}{2}$

JUNIOR

Chemistry 103	4	Chemistry 112	3
Chemistry 115	4	Chemistry 116	4
German 1	5	German 2	5
Philosophy 110	3	Philosophy 120	3
	16	Theology 140	3
			18

SENIOR

Chemistry 121	4	Chemistry 124	4
Chemistry 135	1	Chemistry 126	4
Elective U.D.	3	Chemistry 136	4
Philosophy 130	3	Elective U.D.	3
Social Science	3	Sociology 35	3
Theology 150	1	History 1	3
	17		18

General Education Courses in Bold Type.

DEPARTMENT OF MATHEMATICS

CHAIRMAN

William E. de Malignon

OBJECTIVES

The Department of Mathematics has a threefold objective: to provide courses giving technical mathematical preparation to students in any field of academic endeavor; to provide liberal arts courses which will demonstrate our mathematical heritage from past ages and point out the impact of mathematical thought and philosophy on our culture in this technological civilization; to provide courses of advanced mathematical knowledge which will prepare students for graduate work or professional employment in mathematics or related areas.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS WITH A MAJOR IN MATHEMATICS

The student must satisfy the general education requirements as set forth in this bulletin and complete the following courses:

Mathematics 41*, 42, 43, 44	13*-18 units
Mathematics 121A, 121B	6 units
Mathematics 155, 156, 157 (two of the preceding to make)	6 units
Physics 44, 45, 46	12 units

PROGRAM OF STUDY

Bachelor of Arts — Mathematics Major

FRESHMAN

SEMESTER I		SEMESTER II	
<i>Course</i>	<i>Units</i>	<i>Course</i>	<i>Units</i>
English 1	3	Language 2	5
Language 1	5	Mathematics 42 or 43*	4-5
Mathematics 41 or 42*	5	Physics 44	4
Sociology 35	3	Theology 20	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	16 $\frac{1}{2}$		16 $\frac{1}{2}$ -17 $\frac{1}{2}$

SOPHOMORE

English 42 or 46	3	English 42 or 47	3
Mathematics 43 or 44*	4	Mathematics 44 or Elective*	3-4
Physics 45	4	Philosophy 60	3
Social Science	3	Physics 46	4
Theology 30	3	Social Science	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	17 $\frac{1}{2}$		16 $\frac{1}{2}$ -17 $\frac{1}{2}$

JUNIOR

Elective	3	Electives	6
Mathematics	6	Mathematics	6
Philosophy 110	3	Philosophy 120	3
Speech	2	Theology 140	3
Theology 140	3		18
	17		

SENIOR

Electives	6	Electives	6
Mathematics	6	Mathematics	6
Philosophy 130	3	Theology 150	3
	15		15

General Education Courses in **Bold Type**.

*Advanced placement mathematics students start with Mathematics 42. Those who complete Mathematics 44 in their third semester may take an upper division mathematics course in their fourth semester. Mathematics 181 is highly recommended in this situation.

DEPARTMENT OF PHYSICS

CHAIRMAN

Anthony L. Julius, Jr.

OBJECTIVES

The physics curriculum is designed to prepare the student for graduate study or industrial employment in physics; to provide the necessary physics background for students of mathematics, biology, chemistry, and pre-

medicine; and to acquaint students who are not science majors with the nature and structure of the physical universe.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE WITH A MAJOR IN PHYSICS

The student must satisfy all general education requirements as set forth in this bulletin and complete the following courses:

Physics 44, 45, 46, 120, 121, 122, 123, 124, 125, 130, 131, 180, 181, 190, 191	42 units
Mathematics 42, 43, 44, 113, 119, 120, 121, 122	28 units
Chemistry 25, 26	8 units
German I, German II	10 units

PROGRAM OF STUDY

Bachelor of Science — Physics Major

FRESHMAN

SEMESTER I		SEMESTER II	
Course	Units	Course	Units
Chemistry 25	4	Chemistry 26	4
English 1	3	English 42 or 47	3
Mathematics 42	5	Mathematics 43	4
Speech	2	Physics 44	4
Theology 20	3	Physical Education	$\frac{1}{2}$
Physical Education	$\frac{1}{2}$		15 $\frac{1}{2}$
	17 $\frac{1}{2}$		

SOPHOMORE

English 42 or 46	3	German 2	5
German 1	5	Mathematics 113	3
Mathematics 44	4	Philosophy 60	3
Physics 45	4	Physics 46	4
Physical Education	$\frac{1}{2}$	Theology 30	3
	16 $\frac{1}{2}$	Physical Education	$\frac{1}{2}$
			18 $\frac{1}{2}$

JUNIOR

Mathematics 119	3	History 1	3
Philosophy 110	3	Mathematics 120	3
Physics 120	3	Philosophy 120	3
Physics 122	3	Physics 121	3
Sociology 35	3	Physics 123	3
	15	Theology 140	3
			18

SENIOR

Mathematics 121	3	Mathematics 122	3
Philosophy 130	3	Physics 125	3
Physics 124	3	Physics 131	3
Physics 130	3	Physics 181	2
Physics 180	2	Physics 191	1
Physics 190	1	Social Science	3
	15	Theology 150	1
			18

General Education Courses in Bold Type.

DIVISION OF BUSINESS ADMINISTRATION

CHAIRMAN

Robert E. Miller

FACULTY

Charles R. Considine, Harold Dermody, William G. Fargo, John McCabe, Reverend Charles A. Patron, Reverend William F. Phillips

OBJECTIVES

The objectives of the Division of Business Administration are to establish a firm groundwork of studies in the fields of General Business, Accounting, Finance, Management, or Marketing as a preparation for entering the world of business immediately, or for pursuing a graduate program in the various areas of Business Administration.

FIELD OF CONCENTRATION

The Division offers a Bachelor of Science degree with an area of concentration (major) in General Business, Accounting, Finance, Management, or Marketing.

The freshman and sophomore years (lower division) are not spent in specialization, but rather in establishing a foundation for a broad liberal education. During their sophomore year, Business Administration students are required to consider a field of concentration which will be undertaken in their junior and senior years.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

The student must satisfy all general education requirements as set forth in this bulletin and complete the following courses:

Business Administration 6A, 6B	8 units
Mathematics 3 and 4	6 units
Business Administration 21, 50, 111, 131	12 units
Business Administration 141A, 141B, 140, 144	12 units
Economics 1, 2, 111	9 units
Economic Theory (Econ. 101, 122 or 141)	3 units
Business Administration 190	3 units

PROGRAM OF STUDY

Bachelor of Science — Business Administration

SEMESTER I		FRESHMAN		SEMESTER II	
Course	Units	Course	Units	Course	Units
English 1	3	English 42 or 47	3		
Mathematics 3	3	Mathematics 4	3		
Psychology 1	3	Philosophy 60	3		
Science	3	Sociology 35	3		
Theology 20	3	Science	3		
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$		
	15 $\frac{1}{2}$				15 $\frac{1}{2}$

SOPHOMORE

Bus. Ad. 6A	4	Bus. Ad. 6B	4
Bus. Ad. 21	3	Bus. Ad. 50	3
Economics 1	3	Economics 2	3
English 46 or 47	3	History 1	3
Speech	2	Theology 30	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$
	15 $\frac{1}{2}$		16 $\frac{1}{2}$

General Business

JUNIOR

Bus. Ad. 131	3	Bus. Ad. 141B	3
Bus. Ad. 140	3	Economics 111	3
Bus. Ad. 141A	3	Elective	3
Elective (Bus. or Econ.)	3	Elective (Bus. or Econ. U.D.) ..	3
Philosophy 110	3	Philosophy 120	3
	15	Theology 140	3
			18

SENIOR

Bus. Ad. 111	3	Bus. Ad. 190	3
Bus. or Econ. U.D.	3	Electives	6
Economic Theory	3	Elective U.D.	3
Elective	3	Elective (Bus. or Econ. U.D.) ..	3
Philosophy 130	3		15
Theology 150	3		
	18		

Accounting

JUNIOR

Bus. Ad. 101	4	Bus. Ad. 106	3
Bus. Ad. 131	3	Bus. Ad. 110	3
Bus. Ad. 140	3	Bus. 141B	3
Bus. Ad. 141A	3	Economics 111	3
Philosophy 110	3	Philosophy 120	3
	16	Theology 140	3
			18

SENIOR

Bus. Ad. 103	3	Bus. Ad. 108	3
Bus. Ad. 111	3	Bus. Ad. 144	3
Economic Theory	3	Bus. Ad. 190	3
Elective	3	Electives	6
Philosophy 130	3		15
Theology 150	3		
	18		

General Education Courses in Bold Type.

Finance

JUNIOR

Bus. Ad. 111	3	Bus. Ad. 112	3
Bus. Ad. 131	3	Bus. Ad. 141B	3
Bus. Ad. 140	3	Economics 111	3
Bus. Ad. 141A	3	Elective	3
Philosophy 110	3	Philosophy 120	3
	15	Theology 140	3
			18

SENIOR

Economics 112	3	Bus. Ad. 113	3
Economic Theory	3	Bus. Ad. 144	3
Electives	6	Bus. Ad. 190	3
Philosophy 130	3	Electives	6
Theology 150	3		15
	18		

Management

JUNIOR

Bus. Ad. 121	3	Bus. Ad. 122	3
Bus. Ad. 131	3	Bus. Ad. 141B	3
Bus. Ad. 140	3	Economics 111	3
Bus. Ad. 141A	3	Elective	3
Philosophy 110	3	Philosophy 120	3
	15	Theology 140	3
			18

SENIOR

Bus. Ad. 111	3	Bus. Ad. 123	3
Economic Theory	3	Bus. Ad. 144	3
Electives	6	Bus. Ad. 199	3
Philosophy 130	3	Electives	6
Theology 150	3		15
	18		

Marketing

JUNIOR

Bus. Ad. 131	3	Bus. Ad. 132	3
Bus. Ad. 134	3	Bus. Ad. 141B	3
Bus. Ad. 140	3	Economics 111	3
Bus. Ad. 141A	3	Elective	3
Philosophy 110	3	Philosophy 120	3
	15	Theology 140	3
			18

SENIOR

Bus. Ad. 111	3	Bus. Ad. 144	3
Bus. Ad. 133	3	Bus. Ad. 190	3
Economic Theory	3	Electives	9
Elective	3		15
Philosophy 130	3		
Theology 150	3		
	18		

General Education Courses in Bold Type.



FACULTY AWARDS

TEACHER EDUCATION PROGRAM

DEPARTMENT OF EDUCATION

CHAIRMAN

William E. Salesses

OBJECTIVES

The objective of the Teacher Education Program is to prepare qualified teachers for the public and private secondary schools of California. It offers a program designed to enrich the cultural background of the individual; it requires academic excellence in subject matter, and provides for proficiency in professional courses which will make the teacher aware of his dignity and responsibility in advancing the spiritual and material welfare of society. The Teacher Education Program is designed to meet the needs of liberal arts graduates with little or no prior study in the field of education. It recognizes the desirability of integrating theory and practice in teacher education, and the need to provide a program which will encourage graduate study in the teaching field and in education.

PROGRAM

The program may be adapted to applicants with varying degrees of academic and professional preparation and goals. The following alternate plans are available:

Plan A: The 5th year program leading to a California Standard Teaching Credential with a Specialization in Secondary Teaching. The applicant is expected to have a baccalaureate degree and professional preparation including courses in Educational Psychology, Secondary Principles and Curriculum, and the Philosophical, Social, and/or Historical Foundations of Education. Plan A includes two semesters (30 units) of full time study. Instruction may be initiated in both Fall and Spring semesters.

Plan B: The Teaching Internship. Designed for the mature graduate who has indicated a strong professional potential in the field of secondary teaching, Plan B includes two summer sessions plus a full year of paid intern teaching supervised by both the University and the cooperating school district. A third summer session will enable qualified candidates to earn the Master of Arts in Teaching degree in their major field. Instruction begins in June of each year.

Plan C: Designed for those who possess a Baccalaureate degree, this plan includes two summer sessions and two full semesters of study culminating in the M.A.T. degree and a California Standard Teaching Credential. A thesis or project is required. Instruction begins in June, 1966.

Plan D: Designed for candidates for the M.A.T. degree who already possess the baccalaureate degree and a current valid credential. Plan D includes a minimum of 24 units to be taken during two summer and two academic semesters of six units each. A thesis or project is required. Instruction begins in June, 1966.

THE SECONDARY TEACHING INTERNSHIP

Designed for the college graduate who has indicated by his maturity and demonstrated intellectual ability that he possess strong professional potential in the field of education, the teaching internship provides the student with a combination of intensive training in an academic discipline and a realistic supervised teaching experience.

The intern begins his program in June with a six week course in methodology which includes observation of and participation in the teaching process. A three week seminar in the philosophy and structure of his teaching major concludes the summer program.

In September the student begins his year of paid internship in a cooperating district. The district and the University share the responsibility of supervising the intern during this year. During each semester the student is expected to return to the campus one afternoon a week to participate in an internship seminar.

During the second summer session the intern completes the courses required for the granting of the California Standard Teaching Credential with a Specialization in Secondary Teaching.

In order to prepare for positions of increased responsibility in teaching and research, outstanding interns are encouraged to return to the University a third summer to complete work for a Master of Arts in Teaching degree.

THE MASTER OF ARTS IN TEACHING DEGREE

The M.A.T. degree is designed for the graduate in the liberal arts and sciences who wishes to prepare for a career in public or private secondary education. The student is expected to have a sound, scholarly interest in his major academic field, as well as a thorough grounding in general education. He should be a mature person capable of assuming leadership

of youth and of the community in intellectual, social, and spiritual affairs. The University seeks candidates for this program who have demonstrated the ability to profit by the opportunities provided for them in their undergraduate work, and who will bring their academic training and enthusiasm to the secondary school classroom. In turn, the University offers the opportunity for further development of the intellectual and professional interests of the student preparing for teaching.

The course of study for the M.A.T. degree will vary according to the academic background and professional interests of the individual candidate. The student's program will be designed with the assistance of a three member graduate committee representing both the Department of Education and the major field. Normally this program will consist of fifteen units of academic work in the teaching major, fifteen units of professional education, including courses in philosophical, social, and psychological foundations, curriculum, and methodology, and either a thesis or a project. Upon acceptance of the thesis (or project) by the graduate committee, an oral examination will be scheduled. Successful completion of this examination will result in the candidate's being recommended for the degree.

A B average will be required of all students in the program.

Applications to the M.A.T. degree program are invited from candidates in the fields of history, political science, English, and the natural sciences.

GENERAL REQUIREMENTS

- 1) The student must fulfill all the requirements for admission to the College for Men.
- 2) He must satisfy the general education requirements of the College.
- 3) He must embark upon a program that will result in the Baccalaureate degree, with a Teaching Major and a Teaching Minor as defined below.
- 4) He must make formal application to the Department of Education for Teacher Training and follow the Credential Program. It is recommended that this be done by the beginning of the Junior year.
- 5) After receiving the Baccalaureate degree, he must spend one additional year (30 units) in graduate work, including 12 units of professional courses, 6 units in the Teaching Major (or Teaching Minor), and 12 units of electives.
- 6) To be admitted to Teacher Training, he must have an overall Grade Point Average of 2.5, which average must be maintained throughout his undergraduate program. The same Grade Point Average (2.5) is required in both his Teaching Major and Teaching Minor. A minimum average of 2.75 is required for the graduate courses.

- 7) He must demonstrate his competency either by interview, examination, or satisfactory completion of courses in the following areas:

Provisions and Principles of the Constitution of the United States
 Health (physical examination)
 Speech and Voice Control
 Writing
 Logic (Philosophy 25 or examination)
 Professional Aptitude (interviews with representatives of the Department of Education, department of the Teaching Major, and department of the Teaching Minor)
 Satisfactory scores in the Graduate Record Examination.

REQUIREMENTS FOR THE TEACHING MAJOR

The departmental requirements for the Baccalaureate degree must be fulfilled for the Teaching Major. After lower division requirements, a total of 24 units must be completed in upper division or graduate courses. Six units in the graduate year are required unless these 6 units are selected in the Teaching Minor, with approval of the Department of Education.

REQUIREMENTS FOR THE TEACHING MINOR

For the Teaching Minor, a total of 20 units in a single subject must be completed, of which at least 9* units should be in upper division courses. The sequence of courses in the Teaching Minor should be arranged by consultation with the Minor Department and the Department of Education advisor.

SPECIFIC DEPARTMENTAL REQUIREMENTS

In addition to the general education requirements of the College and the requirements for the Teaching Major and Teaching Minor, the following courses must be completed:

Psychology 1	3 units
Education 103, 110, 119 and either 104, 105, or 138 ..	12 units
Education 207, 215, 220A-B	12 units

SUGGESTED SEQUENCE OF COURSES

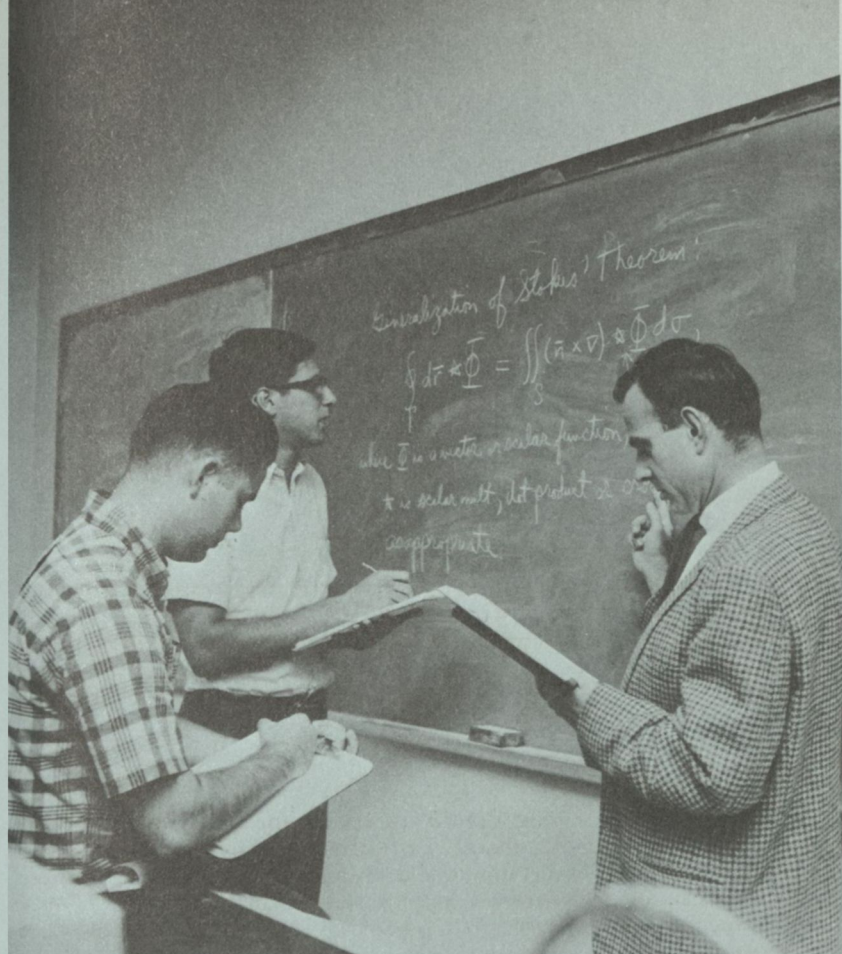
Freshman or Sophomore Year	Psychology 1
Junior Year	Education 103, 110
Senior Year	Education 119, 138

GRADUATE YEAR:

Teaching Major	3	Teaching Major	3
Education 207	3	Education 220A-B	6
Education 215	3	Electives	6
Electives	6		
	15		15

*Units may be reduced to 6 with consent of the Chairman of Department of Education.

For further information regarding graduate education program write directly to Department of Education, University of San Diego, College for Men, San Diego, Calif. 92110.



COURSES OF INSTRUCTION

This section contains a list of all courses offered at the College for Men. Those courses offered primarily for lower division students bear the numbers 1-99 inclusive, those intended for upper division students bear the numbers 100-199 inclusive.

The courses numbered 200 or above are graduate courses and are open for students admitted to the Teacher Education Program.

Upper division students enrolling for lower division courses will receive lower division credit. Junior standing is required for all courses bearing the numbers 100 to 199 inclusive. This rule may be set aside only by written permission of the Academic Dean.

The College reserves the right to withdraw any course for which the number of students enrolling is not enough to warrant a class.

"Fall" indicates that the course is offered annually in the fall semester; "Spring" indicates that the course is offered annually in the spring semester.

BIOLOGY**21A-21B****INTRODUCTION TO BIOLOGY**

An introductory study of the fundamentals of structure, function, adaptation, heredity, evolution, and basic life processes in the animal and the plant kingdoms. The first semester covers the invertebrate and vertebrate phyla. In the second semester the bryophytes and vascular plants will be studied. Two lectures and one laboratory weekly. Not acceptable for credit in any science major or minor.

3 units each semester

34

CONCEPTS IN BIOLOGY (I)

A beginning course for biology majors with emphasis on cell theory, molecular biology, and an introduction to genetics and gene action in both the plant and animal world. Three lectures and one laboratory weekly.

Fall

4 units

35

CONCEPTS IN BIOLOGY (II)

Continuation of Biology 34. A survey of the diversity and interrelationships of living things. Particular emphasis is placed on the biology of complex organisms and evolutionary relationships. Three lectures and one laboratory weekly.

Prerequisite: Biology 34.

Spring

4 units

138

MAMMALIAN PHYSIOLOGY

A study of vertebrate physiological processes at the cellular, tissue, and organic levels. Three lectures and one laboratory weekly.

Prerequisites: Biology 34 and 35.

Fall

4 units

139

VERTEBRATE HISTOLOGY

An intensive study of the four basic tissues. During the second half of the course particular emphasis is placed on mammalian organology. Three lectures and one laboratory weekly.

Prerequisites: Biology 34 and 35.

Spring

4 units

140

COMPARATIVE VERTEBRATE EMBRYOLOGY

An investigation into the fundamental principles of gametogenesis and morphogenesis. The laboratory animals are frog, chick, and pig. Three lectures and one laboratory weekly.

Spring, alternate years

4 units

141

COMPARATIVE VERTEBRATE ANATOMY

A comparative study of the anatomy of the various classes of vertebrates with an attempt to determine evolutionary relationships. The laboratory animals are fish, amphibian, turtle, bird, and cat. Three lectures and one laboratory weekly.

Prerequisites: Biology 34 and 35.

Fall, alternate years

4 units

142

MICROBIOLOGY

An intensive treatment of bacteria, viruses, yeasts, molds, and protozoa. Emphasis is placed on the comparative physiology and biochemistry of microbes. Laboratory procedures for culturing and handling microorganisms are stressed. Two lectures and two laboratory periods weekly.

Prerequisites: Biology 34 and 35, Chemistry 115 and 116, and consent of instructor.

Fall

4 units

143

MICROTECHNIQUE

A laboratory course supplemented by lectures of instruction in the standard methods of preparing biological material for microscope study. The second part of the course stresses certain histo-chemical procedures. One lecture and two laboratory periods weekly.

Prerequisites: Biology 34 and 35, Chemistry 115 and 116.

Alternate years

3 units

144

GENETICS

A general course covering the development of genetic principles and the chemical nature of gene action. Population genetics, eugenics, and statistics are introduced. Two lectures and one laboratory weekly.

Prerequisites: Biology 34 and 35, and consent of the instructor.

Fall, alternate years

3 units

145

CELLULAR PHYSIOLOGY

A study of the chemical and physiological nature of living cells. The cellular material from plants, animals, and microorganisms is used to demonstrate similar as well as specialized physiological processes. Two lectures and two laboratory periods weekly.

Prerequisites: Biology 34 and 35, Chemistry 115 and 116, and consent of the instructor.

Alternate years

4 units

146

RADIATION BIOLOGY

A histological survey of the effects of ionizing radiation on biological systems. Radioisotope technology is also covered, with the student planning and completing a project using radioactive tracers. Three lectures and one laboratory weekly.

Prerequisites: Biology 34, 35, and 138 or 145; Physics 42 and 43; and consent of the instructor.

Spring, alternate years

4 units

148

ECOLOGY

A study of the relationships of the varied flora and fauna of the San Diego area. Emphasis is placed on the mutual dependence of organisms in ecosystem. Because of the unique location of the University, desert, mountain, and salt water ecosystems will be studied. Three lectures and one laboratory weekly.

Prerequisites: Biology 34, 35, and consent of the instructor.

Spring, alternate years

4 units

149

ENTOMOLOGY

A study of the more prominent insect families, with emphasis on characteristics, habits, and economic importance. Three lectures and one laboratory weekly.

Prerequisites: Biology 34, 35, and consent of the instructor.

Spring, alternate years

4 units

150-151

SEMINAR

Required of all majors. Students will prepare and give a seminar at least once per semester. Outside speakers will be invited to discuss their research. One hour weekly.

1 unit each semester

BUSINESS ADMINISTRATION

6A-6B

PRINCIPLES OF ACCOUNTING

Principles of theoretical and practical accounting. The study of commercial transactions, financial reports, and systems. Three one hour lectures and one two-hour laboratory per week.

6A is a prerequisite for 6B.

4 units each semester

21

PRINCIPLES OF MANAGEMENT

A survey course in basic management principles. The planning, organizing, actuating, and controlling functions of management.

Fall

3 units

50

BUSINESS COMMUNICATIONS

The proper preparation, organization, style, and presentation of business communications. Efficient office management, control systems, and procedures are also stressed.

Spring

3 units

101

INTERMEDIATE ACCOUNTING

An intensive study of accounting principles and concepts with reference particularly to current accounting theory as expressed by the American Institute of Accountants and the American Accounting Association. Stress is placed on corporations, inventories, tangible and intangible assets, liabilities, funds and reserves, and applications of funds.

Prerequisites: Business Administration 6A and 6B.

4 units

103

COST ACCOUNTING

Basic accounting for labor, materials, and manufacturing expenses under specific cost systems.

Prerequisites: Business Administration 6A and 6B.

Fall

3 units

106

INCOME TAX ACCOUNTING

An analysis and interpretation of income tax laws and their application to personal and business accounting problems, with practice material relating to returns of individuals, partnerships, and corporations.

Prerequisites: Business Administration 6A and 6B.

Spring

3 units

108

AUDITING

The procedure, reports, and papers used in financial investigations. The verification of balance sheets and operating accounts, including the auditor's reports.

Prerequisite: Business Administration 101.

Spring

3 units

110

ADVANCED ACCOUNTING

The basic accounting principles covered in the elementary and intermediate courses are applied in accounting for specific business practices such as: partnerships, ventures, consignments, installment sales, insurance, receiverships, consolidations, branch offices, statement of affairs, estates and trusts, and the accounting applications of compound interest and annuities.

Prerequisites: Business Administration 6A, 6B, and 101.

Fall

3 units

111

CORPORATION FINANCE

Principles and practices of corporate financing, including the sources of capital, capital structures, and the legal nature of corporations.

Prerequisites: Economics 1 and 2.

Fall

3 units

112

INVESTMENTS

Principles of investments and security analysis; security classifications, such as government, industrials, rails, utilities.

Prerequisites: Economics 1 and 2.

Spring

3 units

113

FINANCIAL MANAGEMENT

Financial problems faced by business concerns are analyzed through the use of case materials. The application of principles developed in basic courses to realistic situations in the major areas of short and long-term fund raising, the administration of working capital, recapitalization, listing of securities, and reorganization.

Prerequisites: Economics 1 and 2, Business Administration 21, Business Administration 111.

Spring

3 units

121

PERSONNEL MANAGEMENT

The principles and practices of managing personnel, including recruitment, selection, testing, and training personnel.

Prerequisite: Business Administration 21.

Fall

3 units

122

LABOR RELATIONS

The study of labor movement and the theory and practice of labor-management relations involving grievance procedure, collective bargaining, and labor legislation.

Prerequisites: Economics 1 and 2.

Spring

3 units

123

PRODUCTION MANAGEMENT

The efficient use of materials, labor, machines, and methods of modern production with constant stress upon costs.

Prerequisites: Economics 1 and 2, Business Administration 21.

Spring

3 units

131

MARKETING

The study of the movement of goods and services from producers to consumers, distribution channels, retailing, wholesaling, and other functions of marketing.

Prerequisites: Economics 1 and 2.

Fall

3 units

132

SALESMANSHIP

The use of successful selling methods, such as product planning and development, market development, pricing, and costs.

Spring

3 units

133

ADVERTISING

The function of advertising; its economic implications.

Prerequisites: Economics 1 and 2.

Fall

3 units

134

TRANSPORTATION

The types and uses of transportation facilities, organization, operation, and economic characteristics involved in moving goods to markets.

Fall

3 units

140

BUSINESS STATISTICS

General introduction, definition, applications, sources of data, tables, ratios, line diagrams, charts, frequency distribution, central tendency, dispersion, time series, correlations and regression, index numbers, normal curve, sampling, testing reliability, and significance of sample data.

Prerequisites: Mathematics 3 and 4.

Fall

3 units

141A

BUSINESS LAW

The principles of business law related to agencies, sales, contracts, and personal property; case studies.

Fall

3 units

141B

BUSINESS LAW

The principles of business law related to partnerships, corporations, insurance, wills, and real property; case studies.

Spring

3 units

144

BUSINESS AND PUBLIC POLICY

The economic, legal, and political aspects of business and the government; the study of promotion, anti-trust laws, unfair trade practices, and the policing of markets.

Prerequisites: Economics 1 and 2.

Spring

3 units

145

PUBLIC RELATIONS

The methods used by various organizations seeking to establish identification and influence various elements of society.

Spring

3 units

146

INSURANCE

A general survey of insurance, including professional concepts, functions, and needs; automobile, fire, life, and disability; Marine and Workmen's Compensation.

Fall

3 units

147

REAL ESTATE

Control of the real estate market, including such topics as mortgages and property management.

Spring

3 units

190

MANAGEMENT SEMINAR

A survey of management policies and problems, with emphasis on open discussion, cases, and leading articles in the field of management.

Prerequisites: Business Administration 21 and Senior Standing.

3 units

CHEMISTRY

15A-15B

GENERAL PHYSICAL SCIENCE

The nature of the physical universe with emphasis on matter, energy, gravitation, chemical bonding, kinetic theory, nuclear structure. General education course, not acceptable for credit in any science major or minor. Two lectures and one laboratory weekly. (Same course as Physics 15A-15B.)

3 units each semester

25

GENERAL CHEMISTRY I

A study of the fundamental principles of chemistry, including chemical stoichiometry, elementary atomic and molecular structure, phase equilibria, chemical equilibria, and kinetics. Not open to non-science majors without Departmental approval. Three lectures and one laboratory weekly.

Fall

4 units

26

GENERAL CHEMISTRY II

A continuation of Chemistry 25. The final six weeks of the course are devoted to a systematic study of the periodic system and the chemistry of representative elements. The laboratory includes an introductory course in semi-micro qualitative analysis and elementary quantitative analysis. Three lectures and one laboratory weekly.

Prerequisite: Chemistry 25.

Spring

4 units

51

PHYSICAL CHEMISTRY I

Introduction to chemical thermodynamics and its application to phase equilibria and chemical equilibria. The laboratory work includes an introductory course in quantitative analysis which is correlated with the theory of chemical equilibria. Three lectures and two laboratory periods weekly.

Prerequisite: Chemistry 26.

Fall

5 units

52

PHYSICAL CHEMISTRY II

A continuation of Chemistry 51 with emphasis on kinetic molecular theory, solutions, electrochemistry, and chemical kinetics. Three lectures and one laboratory weekly.

Prerequisite: Chemistry 51.

Spring

4 units

101

QUANTITATIVE ANALYSIS

The theory and practice of volumetric and gravimetric analysis. Two lectures and two laboratory periods weekly.

Open only to biology students.

Prerequisite: Chemistry 26.

Fall

4 units

103

PHYSICAL CHEMISTRY III

Modern physical chemistry with emphasis on atomic and molecular structure and spectroscopy. Three lectures and one laboratory period weekly.

Prerequisite: Chemistry 52.

Fall

4 units

112

INORGANIC CHEMISTRY

Modern inorganic chemistry with emphasis on structure and reaction mechanisms. Three lectures weekly.

Prerequisite: Chemistry 103.

Spring

3 units

115

ORGANIC CHEMISTRY I

An integrated study of aliphatic and aromatic compounds emphasizing the structural theory, transition state theory, and reaction mechanisms. Three lectures and two laboratory periods weekly.

Prerequisite: Chemistry 26.

Fall

4 units

116

ORGANIC CHEMISTRY II

Continuation of Chemistry 115. Three lectures and one laboratory weekly.

Prerequisite: Chemistry 115.

Spring

4 units

121

QUALITATIVE ORGANIC ANALYSIS

Chemical and spectroscopic methods of identifying organic compounds. Laboratory work includes the identification of unknown compounds and mixtures. Two lectures and two laboratory periods weekly.

Prerequisite: Chemistry 116.

Fall

4 units

124

BIOCHEMISTRY

A study of the chemical changes that occur in organisms. The chemistry and enzymology of digestion, absorption, degradation, and excretion of lipids, carbohydrates, proteins, and vitamins. The chemistry and analyses of blood and excretory products. Three lectures and one laboratory weekly.

Prerequisite: Chemistry 116.

Fall

4 units

126

MODERN ANALYTICAL CHEMISTRY

Theory and application of modern analytical methods including: electrometric titrations, spectrometric methods, ion exchange, gas chromatography, and nuclear methods. Two lectures and two laboratory periods weekly.

Prerequisite: Chemistry 103.

Spring

4 units

135-136

SEMINAR IN CHEMISTRY

Student participation in the consideration of special topics and modern developments in chemistry. Required of all chemistry majors. One period weekly.

1 unit each semester

ECONOMICS

1

PRINCIPLES OF ECONOMICS

The study of the institutions and processes of producing, exchanging, and distributing scarce goods and services. An analysis of the total economy and its parts.

Fall

3 units

2

PRINCIPLES OF ECONOMICS

The study of Micro-Economics, including prices, demand and supply analysis, income distribution.

Spring

3 units

101

INTERMEDIATE ECONOMIC THEORY

The study of cost, demand, and price and the types of markets that exist in theory and practice. Further development of analytical thinking is exercised.

Prerequisites: Economics 1 and 2.

Fall

3 units

106

ECONOMIC HISTORY OF THE UNITED STATES

A survey of economic conditions in the United States from Pre-Revolution days to the present time.

Prerequisite: Economics 1.

Fall

3 units

111

MONEY AND BANKING

The theory, organization, and operation of the commercial banking system; the relation of money and credit to prices and monetary policies.

Prerequisites: Economics 1 and 2.

Spring

3 units

112

PUBLIC FINANCE

The revenues and expenditures of federal, state, and local governments. The principles of taxation, borrowing, and general policies.

Prerequisites: Economics 1 and 2.

Spring

3 units

122

BUSINESS CYCLES

The causes, measurements, and control of economic fluctuations; the impact upon the economy and possible uses for forecasting.

Prerequisites: Economics 1 and 2.

Spring

3 units

133

INTERNATIONAL TRADE

Historical background; study of international trade theories, types of tariffs, and commercial policies; export, import, and exchange control; valuation of the international commercial agreements; evolution and organization of the European Common Market; the state in international trade.

Prerequisites: Economics 1 and 2.

Fall

3 units

141

HISTORY OF ECONOMIC THOUGHT

A study of the great economists and the development of principal economic doctrines and schools of economic thought.

Prerequisites: Economics 1, 2, and 101.

Fall

3 units

142

COMPARATIVE ECONOMICS SYSTEMS

A critical analysis of capitalism, communism, socialism, and other economic systems.

Prerequisites: Economics 1 and 2.

Spring

3 units

180

ECONOMIC SEMINAR

An analysis of essential economic policies and problems; the preparation and presentation of economic reports.

Prerequisites: Economics 1, 2, 101, and 141.

Spring

3 units

EDUCATION

103

PRINCIPLES AND CURRICULUM OF SECONDARY EDUCATION

Principles of secondary education in the United States. Philosophy and growth of the secondary school. Functions of the secondary school in modern society; organization, curriculum, evaluation, and general teaching materials and practices for the secondary school. Observation of teaching techniques.

Prerequisite: Junior standing.

3 units

104

FOUNDATIONS OF EDUCATION

A comprehensive survey of some of the major sociological, historical, and philosophical factors underlying present American education; a study of the interrelationships between school and society, and the implications to education of various critical problems and trends in our present-day social order.

Prerequisite: Junior standing.

3 units

105

SOCIAL FOUNDATIONS OF EDUCATION

A study of the school as a social institution; the school and community structure; the student, parent, teacher relationship; conflicts regarding the role of the school in American society.

3 units

110

EDUCATIONAL PSYCHOLOGY

A study of the growth and development of the learner, and of the learning process, including principles of learning and their application to classroom situations, remembering and forgetting, motivation, and individual differences in the process of educational development.

3 units

119

MEASUREMENT AND EVALUATION

Principles of test construction. Selection, administration, scoring, and interpretation of standardized tests. Principles of psychological testing, selection, evaluation and interpretation of test results.

3 units

138

PHILOSOPHY OF EDUCATION

A survey of selected writings by some of the foremost thinkers in the philosophy of education. A critical study of the principles of recent educational philosophies as applied to administration, supervision, curriculum, and methodology, and an assessment of their social and educational significance.

Prerequisite: Junior standing.

3 units

161A-161B

SPECIAL METHODS IN RELIGIOUS EDUCATION

An analysis and discussion of recent research, techniques, and methods used in the teaching of religion. Selection, evaluation, and utilization of a wide range of instructional materials. Theory and practice in the use of audio-visual instruction media in religion, with reference to particular educational levels.

2 units each semester

175A-175B

METHODS, OBSERVATION, AND PARTICIPATION IN PHYSICAL EDUCATION

Principles, aims, and objectives of the physical education program. Practice in the teaching techniques used in physical education classes. Prerequisites: Ed. 103, 110 (may be taken concurrently).

2 units each semester

GRADUATE COURSES IN EDUCATION

200A

RESEARCH DESIGN AND METHODOLOGY

Principles and methods of designing research studies. Bases for logical inference in experimental work. Critical analysis of proposed research projects.

3 units

200B

SOCIAL CONCEPTS AND EDUCATION

The meaning of democratic ideals for educators, contemporary social changes, and the school as a social institution.

3 units

200C

CURRENT PROBLEMS IN THE PHILOSOPHY OF EDUCATION

The study of educational problems that are philosophically grounded. Areas such as moral and spiritual values in education, the educational implications of various approaches to learning, the foundations of teaching methods, and current philosophical trends will be examined.

200D

IDENTITY FORMATION IN ADOLESCENCE

Study of transformation, conflict, and integration in identity in the high school years in relation to psychological factors in personal development, the dominant culture of the school and the prevailing national and world social climates.

3 units

200E

RESEARCH IN CURRICULUM DESIGN AND DEVELOPMENT

Field and theoretic research into the curriculum development process. New sequences of learning in the several subject areas, various conceptions of grouping and scheduling, team teaching, in-service education.

3 units

200F

EDUCATIONAL STATISTICS

Required of all students electing to do a project.

3 units

207

COUNSELING AND GUIDANCE

The role of the teacher in guidance. Considerations of various approaches to counseling. Techniques in emotional and social adjustment; interviewing methods, case study procedures, and follow-up studies. Cumulative pupil personnel record keeping. Vocational and educational guidance.

Prerequisites: Ed. 103, 110, and consent of instructor.

3 units

215

METHODS, OBSERVATION AND PARTICIPATION IN
SECONDARY EDUCATION

Classroom observation and participation in junior and senior high school instruction. Principles and methods of instruction. A survey of the development and use of visual and auditory aids in teaching; sources and appraisal of audio-visual aid materials and their practical use in specific teaching situations.

Prerequisites: Ed. 103, 110, and consent of instructor. 3 units

220A-220B

STUDENT TEACHING

Supervised teaching in public junior and senior high schools. Regular conferences to be arranged with cooperating agencies.

Prerequisites: Ed. 103, 110, 138, 215. 6 units

ENGLISH

1

RHETORIC AND COMPOSITION

A review of English fundamentals and practice in the art of prose composition. Supplementary readings in various literary types. The technique of the research paper.

3 units

10

JOURNALISM WORKSHOP

Credit for regular staff work on the college newspaper. May be repeated.

1 unit

20

JOURNALISM I

General study of newspaper production. Methods of news gathering, reporting, writing, editing. The elements of the story, the interview, the news conference.

Prerequisite: English 1.

3 units

21

JOURNALISM II

History of journalism and journalists. Area news reporting (science, religion, sports, politics, arts, *etc.*), advanced writing (critical reviews, features, editorials). Emphasis on style and makeup.

Prerequisite: English 20.

3 units

30

THE ART OF POETRY

An introductory study of the language, technique, and forms of poetry. Emphasis on the short poem and contemporary verse.

3 units

35

THE ART OF FICTION

The techniques and forms of prose fiction. Readings in the forms and practice in the criticism of fiction.

3 units

42

AMERICAN LITERATURE

A study of American poetry, fiction, and non-fictional prose from the 17th to the 20th century.

3 units

46

ENGLISH LITERATURE TO 1800

A survey of English literature from the beginnings through the pre-romantic writers.

3 units

47

ENGLISH LITERATURE SINCE 1880

A survey of English literature from the romantic writers to those of the present.

3 units

50

CLASSICAL LITERATURE

Readings in translation of selected ancient authors, such as Homer, the Greek dramatists, Cicero, Virgil, other Roman poets, and rhetoricians.

3 units

60

CONTINENTAL LITERATURE

Readings in translation of selected medieval, renaissance, and neo-classical authors, such as Dante, Cervantes, Moliere, and Rousseau.

3 units

108

THE CRITICISM OF POETRY

Advanced study in the techniques of verse with readings in contemporary critics, such as Blackmur, Tate, Empson, and Winters.

110

CHAUCER

A reading course concentrating on *The Canterbury Tales* and *Troilus and Criseyde*.

3 units

115

16TH AND 17TH CENTURY ENGLISH VERSE

Nondramatic verse from Skelton to Dryden, excluding Milton.

3 units

116

SHAKESPEARE I

A reading course covering the major plays and the sonnets.

3 units

117

SHAKESPEARE II

Advanced studies in Shakespeare.

Prerequisite: English 116 or consent of the instructor.

3 units

118

EARLIER ENGLISH DRAMA

A survey of non-Shakespearean dramatic literature from the miracle and mystery plays through Sheridan.

3 units

120

MILTON

A reading course concentrating on *Paradise Lost*, *Samson Agonistes*, the shorter poems, and selected prose.

3 units

121

18TH CENTURY ENGLISH LITERATURE

A survey of English verse from Dryden to Blake in addition to a fairly concentrated study of Swift, Johnson, and Boswell.

3 units

122

19TH CENTURY ENGLISH VERSE

A study of the major poets from Wordsworth to Hardy.

3 units

124

19TH CENTURY ENGLISH PROSE

Nonfiction prose writers of the Romantic and Victorian periods, such as Coleridge, Hazlitt, Carlyle, Arnold.

3 units

128

THE ENGLISH NOVEL

A reading course in English fiction from Defoe through Hardy.

3

132

AMERICAN LITERATURE TO 1900

Poetry and non-fictional prose from the 17th to the 20th century, concentrating on writers such as Taylor, Edwards, Emerson, Thoreau, Whitman, Dickinson, and Adams.

3 units

- 138
AMERICAN FICTION
Readings in prose fiction from Cooper to James.
3 units
- 140
MODERN BRITISH AND AMERICAN VERSE
20th century poetry in English from Bridges and Robinson to the younger poets of today.
3 units
- 142
MODERN BRITISH AND AMERICAN FICTION
20th century fiction from Conrad and the later James to writers of today.
3 units
- 146
MODERN DRAMA
A study of dramatic literature from Ibsen, Chekhov, and Shaw to writers of today.
3 units
- 150
MODERN CONTINENTAL LITERATURE
Readings in translation of writers such as Tolstoi, Dostoyevski, Proust, Valery, Mann, Hesse, Kafka, and Camus.
3 units
- 160
CREATIVE WRITING
Study and practice in the writing of verse, fiction, or drama.
Prerequisite: Consent of the chairman of the English department.
May be repeated.
3 units
- 162
WORLD LITERATURE
An intensive survey of important literary works from the ancient world through the late middle ages. Philosophical emphasis.
3 units
- 165
ADVANCED COMPOSITION
An advanced course in the writing of non-fictional prose. Emphasis on research and technical writing, scientific and otherwise.
3 units
- 166
COLLOQUIUM
An honors course, generally inter-disciplinary. May be repeated.
Prerequisite: Consent of the chairman of the English department.
3 units

195

LITERARY CRITICISM

A study of the literature of criticism from the ancient authors to those of the present.

3 units

198

HISTORY OF THE ENGLISH LANGUAGE

A survey of the development of English from Anglo-Saxon to American English, concluding with an introduction to structural linguistics.

3 units

200

SEMINAR

An intensive course of study and research.

3 units

200A, Melville and James

200B, Jonson and Stevens

200C, The New Critics: Brooks, Ranson, Blackmur, Tate, and Winters

200D, Romanticism

200E, Yeats, Pound, and Eliot

200F, Dickens and Dostoyevski

200G, Metaphysical Poetry

FINE ARTS AND MUSIC

1

GLEE CLUB

At least 20 hours of Rehearsals/Concerts a semester.

Open to all students whose musicianship meets the requirements set by the instructor. This course may be repeated for credit each semester.

1 unit

50

HISTORY AND APPRECIATION OF ART

An introduction to the understanding of the major arts of architecture, sculpture, and painting together with a survey of the development of these arts from the dawn of art to the present.

3 units

90

APPRECIATION OF MUSIC

The materials, forms, and styles of music, with extensive listening.

Spring

3 units

FOREIGN LANGUAGES

(Language courses will be offered in Greek, Latin, German, Russian, French, and Spanish, where there is a sufficient number of students enrolling to warrant a class.)

1

ELEMENTARY I

Saturation in essentials. Sounds, forms, syntax. Readings.
Fall, 1965

5 units

2

ELEMENTARY II

Intensive Reading. Simple exercises in comprehension and composition. Conversation.
Spring, 1966

5 units

3

INTERMEDIATE I

Review of grammar. Reading in depth. Continued exercises in comprehension and composition. Conversation.

3 units

4

INTERMEDIATE II

Review of grammar. Reading for enrichment. Advanced exercises in comprehension and composition. Conversation.

3 units

10-110

INTENSIVE READINGS (EARLY LITERATURE)

Reading list. Lower Division 10: Selective survey.
Reading list. Upper Division 110: Extensive and in depth.
Latin, Spanish, and French:
Fall, 1965

3 units

100

ADVANCED GRAMMAR

Spanish: Fall, 1965

3 units

101

ADVANCED COMPOSITION

Spanish: Spring, 1966

3 units

102

ADVANCED CONVERSATION

Spanish: Summer, 1966

2 or 3 units

103

LINGUISTICS

Sounds, alphabets, and structures. Emphasis on Greek and Latin roots. (Recommended for Liberal Arts, Science, Education.)
Fall, 1965

3 units

104

SCIENTIFIC READING

Use of Language in Science.

Scientific German and Scientific Russian:

Spring, 1966

3 units

111

INTENSIVE READINGS (RECENT LITERATURE)

Reading list.

Latin, Spanish, and French:

Spring, 1966

3 units

112 to 129

INDIVIDUAL AUTHORS

Latin 118 VIRGIL

Spanish 122 LOPE DE VEGA

Fall, 1965

3 units

130 to 139

TYPES AND FORMS

Latin 131 THE CATILINARIAN CONSPIRACY: A historico-linguistic approach

Spanish 131 DRAMA

Spring, 1966

3 units

140 to 149

PERIODS AND MOVEMENTS

Latin 148 PATRISTIC AGE

Spanish 142 SIGLIO DE ORO

3 units

150 to 159

CULTURE

(Area Studies: see English 125, 126, 150)

3 units

160 to 169

PHILOSOPHY

(Area Studies: see Philosophy 141, 142, 151, 171, 176)

3 units

170 to 179

HISTORY

(Area Studies: see History 110, 112, 120A, 120B, 130, 132, 141, 143, 144, 147, 160, 161)

3 units

180 to 189

POLITICAL SCIENCE

(Area Studies: see Political Science 110, 112, 180)

3 units

190 to 199

SEMINARS

200

ADVANCED LINGUISTICS

Structural and historical development of the language.

3 units

201

SPECIAL STUDIES

Literary criticism, bibliography, current problems, and methods of teaching.

3 units

HISTORY

1

HISTORY OF THE UNITED STATES

Survey of American institutions from 1783 to the present. This course meets the graduation requirement in United States History. Not open to History or Political Science majors.

Fall, Spring

3 units

4

WESTERN CIVILIZATION TO 1400

Survey of Western Civilization from the earliest era to the beginning of modern times, noting the religious, political, economic, social, and cultural institutions of mankind.

Fall

3 units

5

WESTERN CIVILIZATION FROM 1400

The survey is continued to the present, emphasizing the transfer of European culture to the Western Hemisphere and throughout much of the world.

Spring

3 units

10

METHODOLOGY AND BIBLIOGRAPHY

Scientific approach to the sources of history and historical bibliography.

Fall

2 units

17

THE FEDERAL UNION TO 1865

The United States develops from 13 colonies through revolution, confederation, federation, internal conflict of Civil War to become a new nation.

Fall

3 units

18

THE AMERICAN NATION

The United States from 1865 to the present. The new nation, expansion, reform, depression, wars, peace, and indecision. This course together with History 17 meets the requirement in governmental institutions.

Spring

3 units

110

HISTORY OF ANCIENT GREECE

An exploration of Grecian civilization; politics, art, religion, literature, and philosophy.

Fall, 1966

3 units

112

HISTORY OF ANCIENT ROME

Development of Rome from its founding to the fifth century.

Spring, 1967

3 units

114

EARLY CHRISTIANITY

The Primitive Church and society to the Sixth Century. The Councils, heresies, schisms, monasticism, and secular institutions.

Fall, 1966

3 units

120A-120B

HISTORY OF THE MIDDLE AGES

Study of the politico-religious, cultural, economic, and scholastic forces that made themselves evident from the decline of the Roman Empire to the Renaissance.

1965-66

3 units each semester

130

THE RENAISSANCE

Study of the nature and origin of the new learning, with its impact on the civilization of the late Middle Ages and early modern times.

Fall, 1966

3 units

132

THE REFORMATION

Sixteenth century Europe studied in the religious, political, economic, and social light of the Protestant Revolt and the Counter-Reformation, together with the rise of the national monarchies.

Spring, 1967

3 units

141

AGE OF ENLIGHTENMENT

From Richelieu through the French Revolution to the Congress of Vienna.

Fall, 1966

3 units

- 143
NINETEENTH CENTURY EUROPE
Europe from the Congress of Vienna to 1914.
Fall, 1965 3 units
- 144
HISTORY OF TWENTIETH CENTURY EUROPE
From 1914 through World War II and Korea.
Spring, 1966 3 units
- 147
HISTORY OF RUSSIA
The Kievan state. The Muscovite state down to World War I.
Fall, 1965 3 units
- 148
U.S.S.R.
The Russian Revolution. Economic, social, and political structure of the Union. Foreign policy.
Spring, 1966 3 units
- 150
EARLY ENGLISH HISTORY, 1066-1485
From the Conquest to the Wars of the Roses.
Fall, 1965 3 units
- 151
TUDOR AND STUART ENGLAND
Critical study of the struggle between royal absolutism and parliamentary government; decline of the Stuart kings into a constitutional monarch.
Fall, 1966 3 units
- 153
ENGLISH CONSTITUTION AND DEVELOPMENT
A study of the development of the English Constitution. Anglo-Saxon, medieval, and modern English political, social, and legal institutions are examined. Particular attention is paid to the growth of parliament, the development of the jury system, and the rise of the central law courts.
Spring 3 units
- 160
MEXICO AND THE CARIBBEAN
Survey of the area with emphasis on the history of Mexico down to the present.
Fall 3 units
- 161
SOUTH AMERICAN COUNTRIES
Survey of the history of South America from the discovery to the present.
Spring 3 units

170

AMERICAN POLITICAL PARTIES

Origin, rise, and development of the political parties of the United States from the Constitution to the present.

Fall, 1966

3 units

172A-172B

CONSTITUTIONAL HISTORY OF THE UNITED STATES

Development of the Constitution from 1789 to the present by amendment, judicial process of the Supreme Court, and by executive action.

1965-66

3 units each semester

174

CIVIL WAR AND RECONSTRUCTION, 1850-1877

Political, economic, social, and military aspects of the struggles between the Union and the Confederacy; the aftermath and its effects on the United States in later years.

Spring, 1967

3 units

176A-176B

DIPLOMATIC HISTORY OF THE UNITED STATES

Survey of the foreign relations of the United States from the Revolutionary War to the present.

3 units each semester

188

HISTORY OF CALIFORNIA

Significance of California in American history from its discovery to the present; emphasis on Spanish cultural contribution.

Spring

3 units

190

HISTORY OF THE FAR EAST

Historical background of the politics and government of China, Japan, and India. The international relations of the Far Eastern States since World War I.

Fall, 1965

3 units

192

HISTORY AND POLITICS OF THE NEAR AND MIDDLE EAST

Political institutions and government of the modern Arab states together with their historical background. Also Turkey, Iran, and Israel. Problems in international relations. (Not open to those having credit for Political Science 130.)

Fall, 1967

3 units

194

HISTORY OF MODERN AFRICA

History, forms, and methods of European colonization in Africa to World War II. Government and political structure of the newly independent states of Africa south of the Sahara. International aspects of recent African politics.

Fall, 1968

3 units

200A

SEMINAR IN CONTEMPORARY EUROPEAN HISTORY

Topics: The Third Reich, The Spanish Civil War.
Fall, 1965

3 units

200B

SEMINAR IN CONTEMPORARY UNITED STATES HISTORY

Topics: The Progressive Era, Relations with Mexico.
Spring, 1966

3 units

200C

SEMINAR IN CONTEMPORARY EUROPEAN HISTORY

Topics: Fascist Italy, France Between World Wars.
Fall, 1966

3 units

200D

SEMINAR IN CONTEMPORARY UNITED STATES HISTORY

Topics: World War I, The Roaring Twenties.
Spring, 1967

3 units

200E

SEMINAR IN CONTEMPORARY EUROPEAN HISTORY

Topics: World War II, Franco Spain and the Defense of the West.
Fall, 1967

3 units

200F

SEMINAR IN CONTEMPORARY UNITED STATES HISTORY

Topics: The Great Depression, World War II, The Cold War.
Spring, 1968

3 units

MATHEMATICS

1

INTERMEDIATE ALGEBRA

A deficiency course in algebra, open to students who have only one year of high school algebra, or who score below 400 in the Mathematics Section of the Scholastic Aptitude Test.

Fall

No Credit

3

ELEMENTARY COLLEGE MATHEMATICS

Solutions of linear and quadratic equations, simple notions of function, progression, special functions, and graphs. Designed for those not majoring in mathematics or the physical sciences.

Prerequisites: three semesters of high school algebra and a score of at least 400 in the Mathematics Section of the Scholastic Aptitude Test or Mathematics 1.

Fall

3 units

4

ADVANCED COLLEGE MATHEMATICS

Trigonometric functions, elements of analytic geometry, rudiments of the differential and integral calculus, initial phases of statistics and probability.

Prerequisite: Mathematics 3 or consent of instructor.

Spring

3 units

5

LIBERAL ARTS MATHEMATICS I

A general education course in college mathematics, designed to give a cultural mathematical background to students of the humanities.

Fall

3 units

6

LIBERAL ARTS MATHEMATICS II

A continuation of Mathematics 5.

Prerequisite: Mathematics 5 or consent of instructor.

Spring

3 units

41

COLLEGE ALGEBRA AND TRIGONOMETRY

Determinants, complex numbers, permutations and combinations, binomial theorem, quadratics, variation, probability, logarithms, trigonometric functions.

Prerequisites: three semesters of high school algebra and a score of at least 400 in the Mathematics Section of the Scholastic Test or Mathematics 1. Trigonometry recommended but not required.

Fall

5 units

42

ANALYTIC GEOMETRY AND CALCULUS I

Fundamental notions of analytic geometry, differential and integral calculus, with elementary applications.

Prerequisite: Mathematics 41 or advanced placement.

5 units

43

ANALYTIC GEOMETRY AND CALCULUS II

Transcendental functions, polar coordinates, applications to geometry, mechanics, and other phases of science.

Prerequisite: Mathematics 42.

4 units

44

ANALYTIC GEOMETRY AND CALCULUS III

Infinite series, partial derivatives, multiple integration, elements of ordinary differential equations, and applications.

Prerequisite: Mathematics 43.

4 units

113

VECTOR ANALYSIS

Vector algebra and calculus, gradient, divergence, curl, applications to geometry and physics.

Prerequisite: Mathematics 44.

Spring, 1966

3 units

119

ORDINARY DIFFERENTIAL EQUATIONS

Preliminary ideas, differential equations of the first and second order, linear equations with constant coefficients, operational techniques, simultaneous equations, series solutions, applications.

Prerequisite: Mathematics 44.

Fall, 1966

3 units

120

PARTIAL DIFFERENTIAL EQUATIONS

Preliminary notions, techniques for solving well-known partial differential equations of physics, orthogonal functions, applications.

Prerequisite: Mathematics 119.

Spring, 1967

3 units

121A-121B

ADVANCED CALCULUS I

A study of the foundations of real analysis, including the calculus of functions of one and several variables, infinite processes, convergence theory, and selected topics of advanced undergraduate analysis.

Prerequisite: Mathematics 44.

1965-66

3 units each semester

125

COMPLEX FUNCTION THEORY

Analytic function theory, power series, analytic continuation, conformal mapping, applications.

Prerequisite: Mathematics 44.

Fall, 1965

3 units

131

NUMERICAL ANALYSIS I

Basic concepts, finite differences, classical interpolation formulas, numerical differentiation and integration, applications.

Prerequisite: Mathematics 44.

Fall, 1966

3 units

132

NUMERICAL ANALYSIS II

Systems of linear equations, numerical solutions of differential and difference equations, method of least squares, applications.

Prerequisite: Mathematics 131.

Spring, 1967

3 units

155

ALGEBRAIC FOUNDATIONS OF THE NUMBER SYSTEMS

An intensive study of the foundations and development of the systems of natural numbers, integers, rational numbers, real numbers, and complex numbers.

Prerequisite: Mathematics 44.

Fall, 1966

3 units

156

ALGEBRAIC SYSTEMS

An introduction to groups, rings, integral domains, division rings, fields, vector spaces and algebras. Application of these systems to other branches of mathematics.

Prerequisite: Mathematics 44.

Spring, 1967

3 units

157

LINEAR ALGEBRA

Vector spaces, linear operators and functionals, matrices, determinant theory, applications to linear systems.

Prerequisite: Mathematics 44.

Fall, 1965

3 units

159

INDIVIDUAL STUDIES AND SEMINAR

Student reading and research in selected special topics; student presentations. May be repeated once for credit with a different topic.

Prerequisite: Senior standing and consent of instructor.

3 units

181

SYMBOLIC LOGIC (also PHILOSOPHY 181)

An introduction to symbolic logic. Simple operations of the Boolean Algebra. Classical logic from an axiomatic basis. May be taken for either mathematics or philosophy credit.

Spring

3 units

PHILOSOPHY

25

LOGIC

A study of traditional logic as the science and art of correct thinking. A consideration of the concept and the term, the judgment, and the proposition; and reasoning, both deductive and inductive.

Fall

3 units

36

PHILOSOPHY OF ART

An introduction to aesthetics. A philosophical study of the beautiful, especially as created by man. An inquiry into the nature of art, its relation to the powers and activities of man, its evaluation.

Fall

3 units

55

PHILOSOPHY OF THE INANIMATE WORLD

A study of the fundamental principles and properties pertaining to all corporeal beings.

Spring 3 units

60

PHILOSOPHY OF MAN

A study of the fundamental principles and properties characteristic of living corporeal beings, with emphasis on the basic activities, powers, and nature of man.

Spring 3 units

75A

HISTORY OF GREEK AND MEDIEVAL PHILOSOPHY

A survey of the development of philosophical thought by the principal Greek philosophers and their successors, from the time of Thales until the Renaissance, with special emphasis on the contributions of Plato, Aristotle, and Aquinas.

Fall 4 units

75B

HISTORY OF MODERN AND CONTEMPORARY PHILOSOPHY

A survey of the major post-medieval philosophies, from the Renaissance to the present.

Spring 4 units

110

PHILOSOPHY OF BEING

A study of the fundamental principles and properties of finite being. Includes an analysis of analogy, causality, finality, unity, truth, goodness.

Fall 3 units

111

ADVANCED ONTOLOGY

Further studies in the Philosophy of Being. A more detailed investigation of specific metaphysical questions, such as existence, subsistence, analogy, relations, exemplarity, finality.

Prerequisite: Philosophy 110.

Fall 3 units

115

PHILOSOPHY OF HUMAN KNOWING

A study of the critical problem in regard to the validity of cognition. An evaluation of the first principles of knowledge and of the principal theories concerning them. Epistemological studies, problems and readings, primarily for Philosophy majors.

Prerequisites: Philosophy 25, 60, 110.

Spring 3 units

120

PHILOSOPHY OF GOD AND MORALITY

A study of the existence and operations of God as known by natural reason. Subsequently, the relationship to God of human morality, obligation, law, and right is examined in general.

Prerequisite: Philosophy 110. (Note exception for some transfer students.)

Spring

3 units

125

PHILOSOPHY OF GOD

An extensive study of the existence and nature and operations of God, primarily for Philosophy majors. Includes an inquiry into the problem of divine providence as affecting the freedom of the human will.

Prerequisite: Philosophy 110.

Spring

3 units

130

PHILOSOPHY OF CONDUCT

A study of the application of the general principles of morality to the different types of human conduct.

Prerequisite: Philosophy 120.

Fall

3 units

135A-135B

PHILOSOPHY OF MORALITY

A. Principles: A study of the general principles of morality, objective and subjective norms of morality, law, conscience, obligation, and right.

Fall.

B. Application: A detailed study of the application of the general principles of morality to the different types of human conduct.

Spring

3 units each semester

138

PHILOSOPHY OF EDUCATION (EDUCATION 138)

A survey of selected writings by some of the foremost thinkers in the philosophy of education. A critical study of the principles of recent educational philosophies as applied to administration, supervision, curriculum, methodology, and an assessment of their social and educational significance.

Spring

3 units

141

PLATO

A study of the philosophy of Plato, noting some of the Platonic influences on subsequent thought. Reading of several of the Dialogues.

Fall

3 units

142

ARISTOTLE

An introduction to the principal works of Aristotle, noting the basic questions and the solutions proposed. Selected readings and discussion follow.

Spring

3 units

151

AUGUSTINE

Reading and interpretation of Augustinian texts. Augustinian influence on the thought of the West.

Fall

3 units

161

KANT AND HIS INFLUENCE

The reaction of Kant to the philosophies of his day. The critical problem and its solution according to Kant. His views regarding metaphysics, theodicy, morality, aesthetics. Readings. The influence of Kantian thought on subsequent philosophies.

Fall

3 units

171

CONTEMPORARY EUROPEAN PHILOSOPHY

A survey of twentieth-century schools of philosophic thought in Europe, with special emphasis on existentialism and logical positivism.

Spring

3 units

172

CONTEMPORARY AMERICAN PHILOSOPHY

A survey of twentieth-century schools of philosophic thought in the United States, comparing them with previous movements in American philosophy, and noting the principal influences of modern and contemporary schools of thought outside the United States.

Fall

3 units

176

PHILOSOPHY OF COMMUNISM

A philosophical appraisal of Communism.

Prerequisites: Philosophy 60, 110.

Spring

3 units

181

SYMBOLIC LOGIC (MATHEMATICS 181)

An introduction to symbolic logic. Simple operations of the Boolean Algebra. Classical logic from an axiomatic basis. May be taken for either mathematics or philosophy credit.

Spring

3 units

PHYSICAL EDUCATION

- 1
INTRAMURAL SPORTS
Participation on intramural teams. May be repeated.
 $\frac{1}{2}$ unit each semester
- 5
TEAM SPORTS
Participation in athletic competition. May be repeated.
1 unit
- 10
GOLF
One professional lesson each week. May be repeated.
1 unit

PHYSICS

15A-15B

GENERAL PHYSICAL SCIENCE

The nature of the physical universe with emphasis on matter, energy, gravitation, chemical bonding, kinetic theory, nuclear structure. General education course, not acceptable for credit in any science major or minor. Two lectures and one laboratory weekly. (Same course as Chemistry 15A-15B.)

3 units each semester

42

GENERAL PHYSICS I

A study of the fundamental principles of mechanics, wave motion, sound, and heat. Not open to non-science majors without Departmental approval. Three lectures and one laboratory weekly.

Prerequisites: Mathematics 41 and concurrent registration in Mathematics 42.

Fall

4 units

43

GENERAL PHYSICS II

A study of the fundamental principles of electricity and magnetism, light, and modern physics. Three lectures and one laboratory weekly. Prerequisites: Physics 42 and Mathematics 42.

Spring

4 units

44

MECHANICS AND SOUND

A study of the fundamental principles of mechanics, wave motion, and sound. Three lectures and one laboratory weekly.

Prerequisites: Mathematics 41 and concurrent registration in Mathematics 42.

Spring

4 units

45

FUNDAMENTALS OF ELECTRICITY AND MAGNETISM

A study of the fundamental principles of electricity and magnetism. Three lectures and one laboratory weekly.

Prerequisites: Physics 44 and concurrent registration in Mathematics 43.

Fall 4 units

46

HEAT, LIGHT, MODERN PHYSICS

A study of the fundamental principles of thermodynamics, optics, and modern physics. Three lectures and one laboratory weekly.

Prerequisites: Physics 45 and concurrent registration in Mathematics 44.

Spring 4 units

120

ANALYTICAL MECHANICS I

Principles of Newtonian mechanics developed through the use of vector methods. Static and dynamic principles of particles and rigid bodies. Three lectures weekly.

Prerequisites: Physics 46, Mathematics 113, and registration in Mathematics 119.

Fall, alternate years 3 units

121

ANALYTICAL MECHANICS II

Special theory of relativity, generalized coordinates; Lagrangian and Hamiltonian formulation, normal coordinates, and theory of vibration. Three lectures weekly.

Prerequisite: Physics 120.

Spring, alternate years 3 units

122

NUCLEAR PHYSICS

Nuclear phenomena, theory of the nucleus, cosmic rays, and high energy reaction of particles. Three lectures weekly.

Prerequisite: Physics 46.

Fall, alternate years 3 units

123

INTRODUCTION TO QUANTUM MECHANICS

The physical basis of the quantum theory and its mathematical formation in terms of Schroedinger's wave equation. Three lectures weekly.

Prerequisites: Physics 46 and Mathematics 119.

Spring, alternate years 3 units

124

ELECTRICITY AND MAGNETISM I

Analysis of direct and alternating currents using the operator " j " and circuit theorems; introduction to coupled circuits, dielectrics, electromagnetism, and magnetic properties; chemical, photo, and thermal effects. Three lectures weekly.

Prerequisites: Physics 46 and Mathematics 113.

Fall, alternate years

3 units

125

ELECTRICITY AND MAGNETISM II

Electrostatics and magnetostatics treated by vector methods; Maxwell's equations, electromagnetic induction and wave propagation. Three lectures weekly.

Prerequisite: Physics 124.

Spring, alternate years

3 units

130

THERMODYNAMICS

The laws of thermodynamics are studied and their applications to pure substances and special systems are investigated. Three lectures weekly.

Prerequisite: Physics 46.

Fall, alternate years

3 units

131

OPTICS

A study of the principles of geometrical and physical optics. Two lectures and one laboratory weekly.

Prerequisites: Physics 46 and 124 or consent of the instructor.

Spring, alternate years

3 units

180

ELECTRICAL MEASUREMENTS

A study of laboratory techniques for measuring current, voltage, resistance, capacitance and inductance, and a study of electron tubes and transistors emphasizing their application to measurements. One lecture and one laboratory weekly.

Prerequisite: Physics 46.

Fall, alternate years

2 units

181

ELECTRONIC LABORATORY

A semester course stressing electronic laboratory experiments chosen from the major areas of physics. One lecture and one laboratory weekly.

Prerequisite: Physics 180.

Spring, alternate years

2 units

190-191

SEMINAR IN PHYSICS

Consideration of special topics and modern developments in physics, requiring student participation. Required of all physics majors. One period weekly.

1 unit each semester

POLITICAL SCIENCE

1

INTRODUCTION TO GOVERNMENT

The idea and nature of the "state." The four theories as to the origins of the state, types of governments, theories and analyses of the social systems. The vocabulary of political science. Definition of the term "politics" as a means and as an end.

Fall

3 units

2

AMERICAN GOVERNMENT

The evolution of the Government of the United States from the Articles of the Confederation. The Federalist Essays. The changing patterns of executive, legislative, and judiciary relations. The changing concept of Federalism. The governmental structure of the State of California. Fulfills requirements in governmental institutions.

Spring

3 units

3

FOREIGN GOVERNMENT: EUROPE

The constitutional and governmental structures of Great Britain, France, the Germanys, and the Union of the Soviet Socialist Republics. A survey comparison of the small states of Europe.

Spring

3 units

110

POLITICAL THEORY I: ANCIENT AND MEDIEVAL

Greek and Roman political institutions and philosophies. The political theories of the Sophists, Stoics, Plato, Aristotle, and Cicero; from St. Augustine to Marsiglio of Padua.

Fall

3 units

112

POLITICAL THEORY II: MODERN

The political theories of Machiavelli, Bodin, Hobbes, and Locke to Bentham and Hegel. Readings of a portion of the political writings of these political thinkers, and an analysis of the works upon present-day institutions.

Spring

3 units

114

AMERICAN POLITICAL THOUGHT

Political thought in the United States. The demise of Puritanism in colonial times and the rise of democracy. The contributions made by John Adams, the Federalists, Calhoun, Woodrow Wilson, Franklin Roosevelt, and others.

Spring 3 units

120

INTERNATIONAL POLITICS

The principles of international politics: interest, morality, and rationality as these relate to power structures. The major international problems in the modern world. The ideological elements in international policies, the balance of power theory, and total war.

Fall 3 units

127

INTERNATIONAL LAW

The theory and practice of international law. Diplomatic intercourse and problems. Recognition of states. Treaties. The International Court.

Spring 3 units

130

GOVERNMENTS OF THE NEAR AND MIDDLE EAST

Political institutions and policies of the modern Arab states; their historical background; stresses Turkey, Egypt, and Israel. The problems of the Arab states in international affairs.

Spring, 1966 and alternate years 3 units

140

GOVERNMENTS OF SOUTH ASIA

Political institutions and policies of the states of Pakistan, Kashmir, Ceylon, and the Himalaya Kingdoms of Bhutan, Nepal, and Sikkim. Surveys the historical background.

Fall, 1966 and alternate years 3 units

141

GOVERNMENTS OF SOUTHEAST ASIA

Political institutions and policies of the states of Burma, Cambodia, the Koreas, Laos, the Philippines, Indonesia, Thailand, and the Viet Nams.

Spring, 1967 and alternate years 3 units

150

GOVERNMENTS OF THE FAR EAST

The governmental institutions of China and Japan. China: from the overthrow of the Manchus to the present time. Japan: the Tokugawa heritage to the governmental organization of the present-day state. The contemporary problems of both states.

Fall, 1965 and alternate years 3 units

160

GOVERNMENTS OF THE AFRICAN STATES

Political institutions of the African states. The economic and social problems. The international aspects of the political relationships.
 Spring, 1967 and alternate years 3 units

170

POLITICAL BEHAVIOR

Formation of the decision-making process through governmental implementation in view of political parties, pressure groups, and institutional attitudes. Who participates in politics and why.
 Fall 3 units

175

PUBLIC OPINION AND THE VOTER

The role of the electorate in the electoral process. Propaganda and its influence on behavior patterns in voting. The methods of controlling the minds of men in domestic and foreign affairs. (Course is offered to coincide with Presidential and Congressional campaign years.)
 Fall, 1966 and alternate years 3 units

180

GOVERNMENT OF THE U.S.S.R.

Surveys Tzarist Russia. The fall of Tzardom and the reasons for the Revolution. The governmental institutions of the Soviet Union. The structure of the Communist Party. Political and economic relations with the rest of the world.
 Fall, 1965 and alternate years 3 units

185

GOVERNMENTS OF LATIN AMERICA

The governmental institutions and political processes of the Latin American countries. The historical, geographical, social, economic, and cultural factors which have contributed to the present political situations.
 Spring, 1967 and alternate years 3 units

190

GOVERNMENT OF INDIA

Formulation of the state in Dravidian times. The Aryans. The contributions to growth of the state by the Mughals. British domination and contributions. The independence movement, and the problems of the modern state.
 Spring, 1966 and alternate years 3 units

PSYCHOLOGY

1

INTRODUCTORY PSYCHOLOGY

Consideration of the facts and principles of psychology as a behavioral science. A general education course in psychology with emphasis on concepts relating to an understanding of human behavior including growth and development, motivated and emotional behavior, perception, conflict, social behavior, and leading to the topics of intelligence, personality, and learning. (Prerequisite for all courses in psychology.)

Fall

3 units

2

GENERAL PSYCHOLOGY

Scientific study of behavior with emphasis on general and experimental psychology. Response mechanisms, sensory processes, learning, statistical methods, and measurement.

Spring

3 units

12

PERSONAL AND SOCIAL ADJUSTMENT

An examination and interpretation of the factors which go into the making of a person as he adapts himself to the social world about him. The development of the normal personality.

Spring

3 units

104

STATISTICAL METHODS IN PSYCHOLOGY

An introduction to the use of quantitative methods in psychology with emphasis on measures of central tendency and variability, statistical inference including the normal curve, elementary probability, sampling, and correlation. Two lectures and two laboratory periods weekly.

Fall

3 units

105

ADVANCED PSYCHOLOGICAL STATISTICS

Continued study of quantitative methods in psychology with particular emphasis on methods of correlation, chi-squares, and contingency and analysis of variance.

Prerequisite: Psychology 104.

Spring, 1967

3 units

107

HISTORY AND SYSTEMS OF PSYCHOLOGY

A survey of the historical background of modern psychology with consideration of the major theories and systems.

Spring

3 units

109

DEVELOPMENTAL PSYCHOLOGY

Study of growth and development of the normal individual from conception through childhood, adolescence, maturity, and old age. Influences of maturation and socialization are emphasized as well as the interdependence of the various periods of the individual's life.

Fall 3 units

110

EDUCATIONAL PSYCHOLOGY (EDUCATION 110)

A study of the growth and development of the learner, and of the learning process, including principles of learning and their application to classroom situations, remembering and forgetting, transfer of learning, maturation, motivation, and individual differences in the process of educational development. The selection, administration, scoring, and interpretation of psychological tests.

Fall 3 units

119

TESTS AND MEASUREMENTS

Principles of psychological testing, selection, evaluation, and interpretation of test results. Prerequisite: Psychology 104.

Spring 3 units

131

PSYCHOLOGY OF PERSONALITY

Theories and principles of personality with emphasis on their scientific study and application to the problems of adaptation.

Prerequisite: Psychology 2.

Spring 3 units

145

SOCIAL PSYCHOLOGY (SOCIOLOGY 145)

Group behavior and group membership, socialization of the individual and processes of social interaction with critical analysis of psychological factors in major social problems including attitudes, opinions, propaganda, and cultural group processes.

Fall 3 units

152

INTRODUCTION TO METHODS OF COUNSELING

Introduction to problems and methods of counseling. Students may work in field situations under supervision.

Prerequisites: Senior Standing in Psychology and consent of instructor.

Spring 3 units

160

INTRODUCTION TO EXPERIMENTAL PSYCHOLOGY

Methods, techniques, and typical results in experimental researches in psychology. Two lectures and demonstrations and two laboratory periods weekly.

Prerequisites: Psychology 1, 2, and 104.

Spring

4 units

161

EXPERIMENTAL PSYCHOLOGY LEARNING

Methods, techniques, and experimental investigation of learning and motivation. Two lectures and demonstrations and two laboratory periods weekly.

Prerequisites: Psychology 160 and consent of instructor.

Fall, 1966

4 units

168

ABNORMAL PSYCHOLOGY

Study of the dynamics and processes of abnormal behavior with consideration of the biological, psychological, and sociological factors involved.

Prerequisites: Psychology 1 and 2.

Spring

3 units

180

INDUSTRIAL PSYCHOLOGY

The place of psychology in industry with emphasis on human relations, problems in management, human factors, and with consideration of attitudes, morals, group dynamics, leadership, treatment of motivation, fatigue, safety, and turnover as well as other aspects of the working environment.

Fall

3 units

199

SPECIAL STUDY

Individual study including library or laboratory research and written report.

Prerequisites: Senior Standing and consent of instructor.

Fall

3 units

SOCIOLOGY

1

MAN AND HIS WORLD

Introduction to sociological methods, values and postulates. Universality and variability of culture. Structure and growth of personality. Class and Community.

Fall, 1965

3 units

35

MARRIAGE AND THE FAMILY

Personality and other factors in achieving marital happiness. Enriching family living. Evolution of American family types.

Fall, Spring

3 units

105

SOCIAL FOUNDATIONS OF EDUCATION (EDUCATION 105)

A study of the school as a social institution; the school and community structure; the student, parent, teacher relationship; conflicts regarding the role of the school in American society.

3 units

125

URBAN AND SUBURBAN LIFE

Analysis of important trends occurring as communities become urbanized. Traces effect of shifting values and conditions upon behavior in work, education, family, church, government, and recreation. Explores current problems of urban survival and growth. Particular attention to empirical studies—of communities both small and large.

Fall, 1965

3 units

145

SOCIAL PSYCHOLOGY (PSYCHOLOGY 145)

Group behavior and group membership, socialization of the individual and processes of social interaction with critical analysis of psychological factors in major social problems including attitudes, opinions, propaganda, and cultural group processes.

Fall

3 units

155

SOCIAL WELFARE

Social services in America from colonial times to the present. European background. Contemporary private and public agencies. Community resources for personal adjustment.

Fall, 1966

3 units

165

AMERICA'S MINORITIES

Minority group status in contemporary society: contacts and conflicts; prejudice and discrimination, their origins, nature, and resolution.

Spring, 1967

3 units

175

YOUTH PROBLEMS TODAY

An analysis of current social, economic, and psychological factors contributing to difficulties of adjustment in the transition period between childhood and adulthood.

Spring, 1966

3 units

SPEECH

1

FUNDAMENTALS

The fundamental principles of the art of public speaking offered through the medium of theory and practice. Work on informative and persuasive speeches, given in both impromptu and extemporaneous fashion. Emphasis on practice in composition and delivery.

2 units

2

ORGANIZED DISCUSSION

Examination of the techniques of problem solving by means of group consideration. Theory of the elements of human communication as they pertain to the group process. Emphasis on discussing a problem to a solution.

2 units

3

ARGUMENTATION AND DEBATE

Obtaining and organizing evidence and the construction and use of a brief; study and discussion of current issues; the presentation of formal and informal debates. Emphasis on theory and practice.

3 units

4

ORAL INTERPRETATION

The basic principles of communicating the thoughts and emotions of literature by means of reading aloud. Prosaic, dramatic, and poetic readings. Emphasis on practice in interpretation.

Prerequisite: Speech 1.

2 units

5

ACTING

The elements of communicating thoughts and emotions through stage performance. The basic principles of dramatic speech and movement. Fundamentals of characterization. Excerpts from classical plays produced in class. Emphasis on practice in acting.

Prerequisites: Speech 1 and 4.

2 units

6

DEBATE WORKSHOP

Credit for participation in inter-collegiate debate and forensics. Subject to proper approbation.

(This course may be repeated for a total of four units.)

1 unit

7

DRAMA WORKSHOP

Credit for participation in collegiate dramatic productions. Subject to proper approbation.

2 units

103

ARGUMENTATION AND DEBATE

A study of the approaches to argument and the patterns and problems in argumentation. Consideration of the practical implications for society. Emphasis on written and oral reports.

Prerequisite: Speech Arts 3 or consent of instructor.

3 units

108

ORAL PERSUASION

A study of the means of oral persuasion with an emphasis upon the techniques and motivations of human responses. Research project upon a significant current problem. Emphasis upon practical application.

Prerequisite: Speech 1.

2 units

THEOLOGY

3

GOD AND CREATION

A study of God as He is in Himself. The unity of His nature and the trinity of Persons. Creation. Original Justice. The trial and fall of man.

1 unit

4

INCARNATION AND REDEMPTION

The Incarnate Word. Christ, the Redeemer, Christ the Head of the Mystical Body. Mary, the Mother of the Mystical Body.

1 unit

20

JUDEO-CHRISTIAN HISTORY

An historico-literary study of the Old and New Testaments, leading to an exploration of the objective grounds of biblical beliefs. The Judeo-Christian idea of salvation history. The ecclesial context and nature of biblical faith.

3 units

30

HUMAN VALUES IN CONTEMPORARY LIFE

Introduction to value issues of our time, such as individual and group morality; freedom in concept and practice. Conflicting obligations of man and society; discussion designed to develop evaluating criteria. Critical analysis of the virtuous life.

3 units

101

SACRAMENTS AND WORSHIP

The life and action of the Mystical Body. Sources of life: the Sacraments. Vital activity: Worship.

1 unit

102

GROWTH IN THE SPIRITUAL LIFE

The perfection of the individual in the Mystical Body. The practical and effective application of the means of spiritual growth in the life of the layman.

1 unit

103

MAN AND MORALITY

The theology of man's destiny in God and of the human activity necessary to attain that destiny. Human acts in relationship to God, to other men, and to the individual himself.

1 unit

104

MAN AND SOCIAL MORALITY

More specialized study of man's complex relationships with man in their mutual pursuits of a common destiny in God. Essentially a study of the correlative functions of justice and charity in their applications to marital, civic, and economic life.

1 unit

140

GOD AND CREATION

An exploration of man's position in the universe, understood by examining his relation to his Creator and the rest of the created world. The study of the nature of God, as He is in Himself, as the necessary basis for understanding this relationship. The de-facto condition of man as alienated from God through sin. Grace as a means of achieving re-integration, personal and relative.

3 units

150

PERSONALITY AND RELIGION

The psychological structure of personality; the foundation of the Christian personality in Christ. Incarnational and redemptive aspects of Christology. The perfection of the Christian personality through liturgico-sacramental encounter with Christ in the Church. Mary and Christian life. The life of prayer.

3 units



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Last First Middle

Address _____
Number and Street City State Zip Telephone

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Place City State

Citizenship _____
U.S.A. Other Marital Status

Father's Name _____
Last First Middle Birthplace

Father's Occupation _____
Father living Mother living

Mother's Maiden Name _____
Birthplace

Business Address of Parents or Guardian _____

When do you desire to enter college? _____
Will you attend full time? _____

Prospective Major _____
Minor _____
Vocational Objective _____

Do you expect to receive benefits under Public Law 634 (War Orphans) _____

California Veteran..... Draft Status.....

Name of all colleges attended since graduation from high school. Units completed.....

.....date entered.....date left.....

.....date entered.....date left.....

.....date entered.....date left.....

If you have ever been dismissed from an educational institution attach full statement to this form giving name of institution, date of dismissal, reason and present eligibility to return to that institution.

High Schools attended: (give name and city)

.....date entered.....date left.....

.....date entered.....date left.....

From which did you graduate?.....date of graduation.....

Please send to Office of Registrar:

a) Complete transcripts of credits, high school and college.

b) SAT Scores CEEB.

c) Two letters of recommendation.

1. One educational

2. One personal

d) A non-refundable application fee of ten dollars is required of each applicant.

I certify that the above information is a correct, complete and true statement.

Date of application..... Signature of Applicant.....

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